

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1444735

Luminaire Tested: EHBR1-24-UNV-TA-L935-UPL36

Issue Date: 5/1/2026

Test Information

Test Method: LM-79-2019
Report Number: P1444735
REPORT IS A COMBINATION OF REPORTS P1444347 AND P1431635
Test Lab: INNOVATION CENTER
Issue Date: 5/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-24-UNV-TA-L935-UPL36
Description: Elevate Round Highbay at, 24000 lumens, 3500K 90CRI LEDs with TA lens
Light Source: -
Ballast/Driver: -

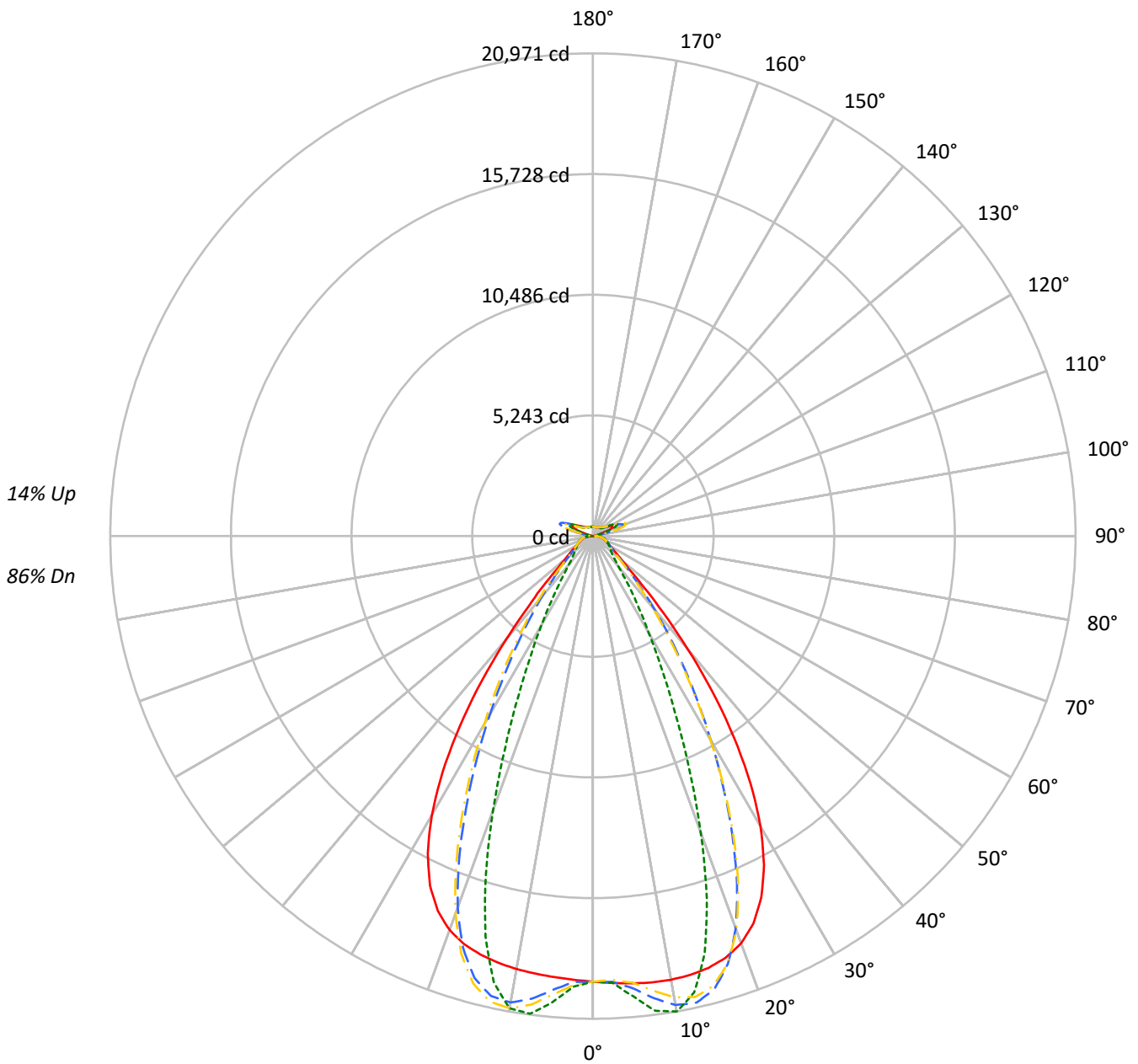
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25748.8 lumens
Efficiency: N/A
Efficacy: 164.3 lumens/watt
Spacing Criteria (0/90/45): 1.13 / 0.77 / 0.88
Luminous Opening: Vertical Cylinder (Dia: 1.71' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 156.7
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	116	116	116	116	112	112	112	112	104	104	104	96	96	96	90	90	90	86
1	109	105	102	99	105	102	99	96	95	93	91	89	87	86	83	82	81	78
2	102	96	91	87	98	93	88	85	87	84	81	82	79	77	78	75	73	71
3	95	88	82	77	92	85	80	75	81	76	72	76	73	70	72	69	67	65
4	90	81	74	69	87	79	73	68	75	70	66	71	67	63	67	64	61	59
5	84	74	68	63	81	73	66	62	69	64	60	66	62	58	63	59	57	54
6	79	69	62	57	77	68	61	57	65	59	55	62	57	54	59	55	52	50
7	75	64	57	53	73	63	57	52	60	55	51	58	53	50	56	52	49	47
8	71	60	53	49	69	59	53	48	57	51	47	54	50	46	52	48	45	44
9	67	56	50	45	65	55	49	45	53	48	44	51	47	43	50	45	42	41
10	63	53	46	42	62	52	46	42	50	45	41	48	44	40	47	43	40	38

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	90907	90907	90907	90907
5°	91346	94010	90068	95242
10°	92109	98704	89900	98051
15°	92561	89474	89743	85872
20°	91604	66655	88606	61672
25°	86707	42155	83842	38249
30°	75745	25333	72811	23152
35°	58294	15896	54940	14081
40°	36876	9971	33738	9370
45°	19007	7768	18691	7640
50°	11144	6910	10801	6802
55°	8537	6537	8221	6478
60°	7224	6678	6917	6591
65°	6785	6974	6524	6735
70°	6628	7303	6298	7028
75°	7088	7744	6705	7402
80°	7334	8575	6649	7828
85°	6907	8275	5583	7085

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 25°
 Vertical Angle: 45°
 Luminance: 29087 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1907.8	7.4
10°-20°	5366.7	20.8
20°-30°	6112.3	23.7
30°-40°	4393.2	17.1
40°-50°	2026.2	7.9
50°-60°	969.6	3.8
60°-70°	707.5	2.7
70°-80°	537.5	2.1
80°-90°	250.4	1.0
90°-100°	95.8	0.4
100°-110°	587.4	2.3
110°-120°	1085.9	4.2
120°-130°	654.7	2.5
130°-140°	408.3	1.6
140°-150°	292.9	1.1
150°-160°	197.6	0.8
160°-170°	116.0	0.5
170°-180°	39.0	0.2
0°-30°	13386.8	52.0
0°-40°	17780.0	69.1
0°-60°	20775.8	80.7
0°-90°	22271.1	86.5
90°-120°	1769.1	6.9
90°-150°	3125.0	12.1
90°-180°	3478.0	13.5
0°-180°	25748.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	19358	19358	19358	19358	19358	
5°	19504	20073	19231	20336	19504	1864
15°	19419	18771	18828	18015	19419	5471
25°	17315	8418	16743	7638	17315	7849
35°	10699	2918	10084	2584	10699	6566
45°	3075	1257	3024	1236	3075	2615
55°	1154	883	1111	876	1154	1065
65°	708	728	681	703	708	707
75°	499	546	472	521	499	519
85°	237	284	192	244	237	223
90°	78	95	32	36	78	47
95°	44	50	44	50	44	42
105°	208	271	138	272	208	277
115°	943	1152	988	1152	943	870
125°	696	743	789	744	696	634
135°	529	481	571	483	529	413
145°	454	452	485	455	454	287
155°	413	420	442	422	413	192
165°	401	405	418	406	401	114
175°	405	410	413	411	405	39
180°	410	410	410	410	410	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19431.9	19430.3	19430.0	19428.6	19428.3	19428.3	19427.6	19426.1	19425.1	19422.8	19420.3
5°	19503.9	19503.1	19503.7	19503.7	19502.4	19499.4	19494.7	19488.8	19481.5	19474.7	19468.5
7.5°	19559.8	19561.1	19562.8	19562.5	19558.2	19551.2	19541.5	19536.0	19539.2	19549.7	19573.8
10°	19569.9	19578.2	19581.4	19580.4	19572.0	19565.9	19568.3	19588.8	19629.6	19684.0	19758.5
12.5°	19530.2	19540.5	19540.1	19536.6	19528.5	19536.8	19566.6	19627.6	19715.1	19822.5	19948.5
15°	19418.8	19432.1	19428.3	19423.9	19418.5	19445.7	19505.1	19611.1	19746.3	19897.7	20052.8
17.5°	19202.5	19218.4	19210.7	19205.7	19201.1	19252.3	19354.3	19509.5	19679.8	19851.1	19998.1
20°	18827.3	18838.0	18819.6	18810.9	18818.2	18918.5	19068.7	19267.0	19446.5	19608.4	19708.9
22.5°	18214.9	18228.3	18193.6	18189.6	18232.4	18386.5	18576.5	18798.2	18966.7	19095.2	19133.9
25°	17315.3	17328.4	17287.2	17311.8	17384.6	17594.6	17820.8	18057.9	18201.8	18296.9	18270.7
27.5°	16101.0	16112.9	16073.8	16124.1	16239.1	16515.0	16781.3	17038.5	17166.8	17233.4	17148.9
30°	14569.5	14594.3	14548.1	14618.2	14793.7	15152.0	15457.1	15745.5	15873.4	15924.1	15792.7
32.5°	12750.5	12785.8	12734.9	12839.2	13084.1	13514.5	13861.0	14183.3	14324.7	14382.6	14234.2
35°	10699.0	10749.5	10691.1	10847.7	11149.8	11629.0	12012.8	12372.6	12540.1	12622.1	12472.5
37.5°	8525.5	8573.6	8542.1	8750.9	9082.6	9579.3	9971.1	10359.3	10548.3	10671.5	10553.6
40°	6391.5	6435.6	6459.5	6698.3	7010.4	7478.5	7854.8	8238.8	8450.3	8605.0	8532.2
42.5°	4511.2	4555.6	4636.8	4867.3	5127.5	5514.9	5837.3	6182.1	6384.2	6549.1	6521.0
45°	3075.2	3126.7	3228.5	3417.1	3605.4	3883.3	4120.1	4388.2	4553.3	4704.4	4706.2
47.5°	2155.0	2191.1	2282.0	2410.9	2533.6	2881.6	2895.9	3027.7	3138.7	3251.6	3266.2
50°	1660.8	1682.6	1730.8	1802.6	1872.1	1962.5	2045.1	2140.7	2209.0	2270.9	2285.7
52.5°	1365.0	1378.9	1403.5	1442.3	1482.7	1531.8	1576.0	1628.5	1665.7	1698.8	1705.7
55°	1153.7	1165.2	1201.7	1209.0	1255.2	1264.1	1283.7	1315.7	1337.3	1357.1	1362.1
57.5°	994.2	1002.5	1010.3	1026.9	1041.1	1061.8	1078.4	1101.3	1114.9	1129.2	1130.5
60°	868.4	874.4	880.0	891.4	901.1	915.4	926.9	942.5	952.3	963.0	964.2
62.5°	774.7	779.1	782.7	790.3	797.2	808.3	817.3	830.4	839.4	847.8	849.7
65°	708.2	711.3	713.7	719.4	725.4	734.9	743.1	753.7	760.4	766.8	768.1
67.5°	649.2	652.2	654.6	659.9	664.1	671.0	676.6	684.6	689.6	694.7	694.8
70°	581.6	584.4	586.3	591.2	594.6	600.5	605.0	612.2	617.3	623.0	624.5
72.5°	534.8	536.5	539.0	543.4	548.1	554.6	560.6	568.0	574.3	580.1	582.6
75°	499.3	501.2	502.8	506.6	509.9	515.3	519.8	526.6	532.0	538.4	541.4
77.5°	447.9	450.1	451.5	455.3	458.1	463.4	466.7	472.7	477.3	483.0	485.8
80°	385.8	387.9	388.9	392.5	394.7	399.5	402.8	408.7	412.4	418.1	421.5
82.5°	317.0	319.0	319.6	323.0	324.2	328.2	330.5	336.5	341.1	348.6	353.7
85°	237.4	238.1	239.3	238.4	243.2	243.5	249.0	250.0	257.1	259.0	267.2
87.5°	145.1	147.3	148.4	151.6	153.1	156.4	157.4	161.0	162.9	166.9	168.8
90°	77.9	82.3	84.5	89.5	91.7	96.3	98.2	103.3	105.5	110.7	114.3
92.5°	38.5	41.2	43.8	46.7	49.3	52.5	55.3	58.2	60.9	64.0	69.3
95°	44.0	47.1	50.2	53.3	56.4	59.5	62.6	65.7	68.8	71.9	80.9
97.5°	55.6	58.4	61.0	63.7	66.3	69.1	71.7	74.4	77.0	79.7	90.4
100°	72.9	75.1	77.4	79.7	81.9	84.2	86.5	88.7	91.0	93.3	113.1
102.5°	121.8	129.9	137.9	145.9	153.9	162.0	169.9	178.0	186.0	194.0	236.3
105°	208.0	229.8	251.7	273.4	295.3	317.1	339.0	360.6	382.5	404.3	473.1
107.5°	357.5	397.8	438.2	478.5	519.0	559.2	599.6	639.9	680.2	720.4	790.2
110°	663.1	695.4	728.0	760.4	792.9	825.6	858.0	890.3	922.8	955.3	1006.3



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	894.8	909.6	924.3	939.0	953.7	968.4	983.1	997.9	1012.6	1027.1	1063.8
115°	943.3	948.6	953.8	958.9	964.2	969.4	974.7	979.7	985.0	990.0	1014.8
117.5°	914.4	913.5	912.8	912.0	911.1	910.3	909.4	908.6	907.7	906.8	920.7
120°	850.5	846.1	841.9	837.4	833.0	828.6	824.2	819.8	815.2	810.7	816.9
122.5°	770.1	764.9	759.9	754.5	749.3	743.9	738.7	733.1	727.9	722.5	725.1
125°	695.7	690.4	685.3	679.8	674.5	669.1	663.8	658.3	653.0	647.4	648.9
127.5°	630.6	627.1	623.5	619.7	615.9	612.1	608.3	604.4	600.7	596.7	597.3
130°	587.9	584.8	581.5	578.1	574.8	571.3	567.9	564.4	561.0	557.4	558.3
132.5°	552.8	550.7	548.4	546.1	543.7	541.2	538.7	536.1	533.6	531.2	532.2
135°	528.7	526.6	524.7	522.5	520.3	518.0	515.7	513.3	511.0	508.5	509.8
137.5°	508.1	506.3	504.5	502.5	500.5	498.3	496.3	494.0	492.0	489.7	490.9
140°	489.2	487.6	486.0	484.2	482.3	480.5	478.5	476.5	474.7	472.7	474.1
142.5°	468.3	467.0	465.9	464.5	463.1	461.5	460.1	458.4	457.0	455.4	457.2
145°	454.3	453.3	452.3	451.2	450.0	448.7	447.5	446.1	444.9	443.6	445.6
147.5°	442.0	441.2	440.5	439.6	438.8	437.6	436.7	435.5	434.6	433.5	435.4
150°	431.2	430.5	429.9	429.0	428.1	427.1	426.2	425.2	424.2	423.1	425.1
152.5°	420.2	419.4	418.7	417.9	417.1	416.0	415.3	414.2	413.3	412.3	414.0
155°	413.0	412.2	411.5	410.7	409.9	408.9	408.1	407.1	406.3	405.3	406.7
157.5°	408.0	407.4	406.9	406.2	405.8	405.0	404.4	403.7	403.0	402.4	403.4
160°	405.1	404.6	404.1	403.4	402.8	402.1	401.6	400.8	400.3	399.6	400.5
162.5°	402.4	401.9	401.2	400.6	400.1	399.2	398.7	398.2	397.5	396.9	398.0
165°	401.4	401.1	400.7	400.4	400.1	399.7	399.3	398.9	398.5	398.1	398.8
167.5°	404.0	403.5	403.0	402.5	402.0	401.3	400.9	400.3	399.8	399.1	399.9
170°	404.3	404.0	403.7	403.5	403.2	403.0	402.7	402.4	402.1	401.9	402.4
172.5°	405.9	405.6	405.4	405.3	405.0	404.9	404.7	404.4	404.3	404.0	404.8
175°	405.3	405.0	404.9	404.9	404.7	404.6	404.5	404.3	404.3	404.1	404.6
177.5°	407.8	407.8	407.8	407.8	407.8	407.7	407.6	407.4	407.4	407.4	407.8
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19418.5	19416.1	19412.8	19408.8	19405.2	19401.2	19391.5	19388.6	19391.8	19394.0	19398.4
5°	19464.6	19466.0	19466.4	19475.3	19482.9	19501.9	19650.8	19710.0	19755.8	19784.8	19828.9
7.5°	19603.7	19648.5	19692.7	19752.3	19803.7	19873.0	20133.6	20244.5	20323.3	20380.0	20449.8
10°	19839.5	19937.2	20028.8	20136.1	20228.4	20334.0	20576.6	20684.6	20752.9	20802.5	20848.8
12.5°	20076.9	20212.4	20334.9	20454.3	20554.2	20645.8	20731.1	20769.0	20772.2	20773.8	20749.1
15°	20200.6	20330.1	20438.1	20517.0	20575.8	20601.7	20454.9	20377.8	20280.5	20200.3	20068.3
17.5°	20122.5	20200.3	20246.8	20242.3	20218.0	20136.8	19720.8	19492.1	19264.9	19060.3	18791.8
20°	19775.6	19769.6	19729.1	19614.1	19475.7	19260.6	18547.4	18136.0	17738.1	17388.7	16964.9
22.5°	19129.9	19028.3	18886.7	18639.0	18363.9	17987.9	16965.9	16360.7	15806.9	15317.7	14769.6
25°	18194.5	17985.5	17724.3	17331.1	16903.5	16355.1	15095.5	14342.7	13677.8	13101.2	12468.8
27.5°	16997.3	16682.4	16299.7	15755.4	15176.2	14473.6	13077.2	12246.4	11532.7	10914.4	10241.3
30°	15579.9	15170.5	14676.2	14000.8	13302.1	12505.3	11088.9	10247.4	9525.0	8888.9	8215.4
32.5°	13978.2	13498.7	12919.4	12161.4	11405.8	10586.5	9218.6	8404.1	7713.9	7102.1	6492.5
35°	12211.6	11697.4	11084.5	10311.4	9560.3	8763.7	7508.7	6774.3	6164.8	5624.0	5131.7
37.5°	10316.6	9811.6	9229.2	8500.6	7804.0	7082.2	5999.3	5383.9	4872.4	4423.5	4043.4
40°	8346.3	7904.5	7400.4	6770.5	6176.1	5575.0	4686.0	4197.5	3793.9	3451.6	3166.7
42.5°	6400.1	6057.7	5671.3	5173.4	4718.6	4260.8	3576.6	3214.7	2915.8	2669.3	2467.9
45°	4643.6	4414.5	4155.2	3809.2	3494.4	3175.2	2688.2	2433.9	2239.2	2080.2	1945.9
47.5°	3246.1	3113.2	3105.1	2785.2	2554.5	2359.3	2045.5	1884.9	1765.6	1669.3	1584.3
50°	2279.6	2215.3	2135.5	2021.4	1914.3	1803.9	1612.8	1515.7	1445.8	1387.4	1333.7
52.5°	1704.2	1670.8	1628.3	1567.7	1509.7	1447.6	1326.7	1264.8	1242.8	1188.6	1146.0
55°	1361.2	1342.0	1317.8	1282.3	1246.9	1232.8	1129.2	1083.2	1054.2	1032.8	1009.8
57.5°	1130.6	1116.4	1102.0	1077.9	1057.5	1032.8	977.7	954.2	936.9	924.3	908.4
60°	964.4	955.9	947.8	933.7	922.6	909.3	874.4	861.1	852.1	844.5	834.4
62.5°	851.2	846.9	842.7	835.2	829.6	822.3	798.4	792.0	787.5	783.7	777.5
65°	769.5	766.4	764.0	759.1	756.2	752.0	731.5	727.1	724.4	723.0	719.4
67.5°	695.2	692.0	690.4	686.9	685.7	683.1	666.2	663.9	663.0	663.4	662.1
70°	625.8	624.5	625.2	624.6	626.2	626.6	616.5	616.4	617.5	619.7	619.8
72.5°	584.2	584.2	584.9	585.3	586.8	587.6	579.1	578.7	579.1	580.8	580.9
75°	544.6	545.2	547.4	548.1	549.9	550.2	539.1	537.8	537.8	539.4	538.9
77.5°	489.8	492.1	496.2	498.4	501.8	502.5	490.0	488.4	488.5	490.0	488.7
80°	427.6	432.1	438.7	443.2	448.5	450.6	437.7	434.6	431.8	431.3	428.7
82.5°	361.5	367.1	374.9	378.9	384.6	385.9	364.3	360.2	357.8	358.0	355.6
85°	276.0	280.1	287.2	289.6	293.1	292.7	268.1	257.6	260.4	255.9	259.4
87.5°	173.1	175.6	180.0	180.5	182.3	181.9	157.1	152.2	150.7	150.8	149.0
90°	120.7	124.7	131.0	133.4	138.3	140.3	122.6	122.6	118.8	117.7	113.2
92.5°	75.0	80.4	85.9	91.4	96.9	102.4	105.6	110.4	104.8	98.9	93.4
95°	90.0	99.1	108.1	117.2	126.3	135.3	144.4	153.4	145.0	136.5	128.0
97.5°	101.1	111.8	122.4	133.2	143.9	154.6	165.3	176.0	166.9	157.7	148.6
100°	133.1	153.1	173.0	193.0	212.9	232.8	252.9	272.8	255.3	237.7	220.1
102.5°	278.6	321.1	363.4	405.9	448.2	490.7	533.2	575.6	535.4	495.0	454.7
105°	541.8	610.5	679.2	747.8	816.5	885.2	954.2	1022.9	958.5	894.2	829.9
107.5°	859.9	929.6	999.3	1068.9	1138.7	1208.4	1278.5	1348.2	1285.4	1222.6	1159.9
110°	1057.1	1108.1	1159.1	1209.9	1260.8	1311.7	1363.0	1414.1	1376.4	1338.7	1301.0



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1100.1	1136.6	1173.1	1209.5	1245.7	1282.3	1319.3	1356.0	1337.1	1318.3	1299.5
115°	1039.4	1064.1	1088.7	1113.3	1138.0	1162.5	1188.0	1212.8	1207.0	1201.0	1195.2
117.5°	934.6	948.4	962.3	976.2	990.0	1003.9	1018.7	1032.8	1033.9	1035.2	1036.6
120°	822.9	828.8	834.8	840.8	846.8	852.7	859.9	866.1	871.4	876.7	882.0
122.5°	727.5	729.9	732.3	734.8	737.1	739.5	743.3	746.1	749.8	753.6	757.4
125°	650.2	651.7	652.9	654.3	655.5	656.9	659.8	661.4	662.0	662.4	663.0
127.5°	597.8	598.3	598.8	599.3	599.6	600.2	602.3	603.2	601.3	599.5	597.6
130°	559.1	560.0	560.8	561.7	562.5	563.4	566.0	567.4	563.8	560.3	556.8
132.5°	533.2	534.2	535.2	536.4	537.4	538.4	541.4	542.8	538.8	534.6	530.5
135°	511.0	512.3	513.5	514.6	515.9	517.2	520.6	522.3	518.5	514.4	510.6
137.5°	492.0	493.3	494.6	495.9	497.1	498.4	502.1	503.8	500.8	497.6	494.7
140°	475.5	476.9	478.5	479.9	481.4	483.0	486.9	489.0	486.7	484.3	481.9
142.5°	459.0	461.0	463.0	464.9	466.8	468.9	473.5	476.0	474.3	472.6	470.8
145°	447.6	449.9	452.0	454.3	456.3	458.7	463.8	466.8	465.8	464.6	463.6
147.5°	437.1	439.2	441.2	443.2	445.2	447.5	452.7	455.4	455.0	454.3	453.7
150°	426.9	429.0	431.0	433.0	435.2	437.5	443.1	446.1	445.6	445.1	444.5
152.5°	415.8	417.6	419.4	421.4	423.3	425.3	431.8	434.8	434.3	433.7	433.3
155°	408.1	409.6	411.0	412.6	414.1	415.7	422.3	425.1	424.9	424.6	424.3
157.5°	404.5	405.5	406.5	407.6	408.8	409.9	416.5	419.1	418.8	418.6	418.4
160°	401.3	402.2	403.0	404.0	404.8	405.8	412.4	414.7	414.6	414.3	414.0
162.5°	399.0	400.2	401.2	402.2	403.3	404.6	411.4	414.1	413.6	413.2	412.7
165°	399.5	400.1	400.8	401.7	402.3	403.0	409.3	411.4	411.3	411.0	410.7
167.5°	400.6	401.4	402.1	403.0	403.7	404.6	410.5	412.5	412.3	412.0	411.9
170°	403.0	403.7	404.1	404.9	405.6	406.3	411.2	412.8	412.7	412.1	411.7
172.5°	405.3	406.1	406.8	407.5	408.2	408.9	413.1	414.7	414.5	414.2	413.6
175°	405.1	405.6	406.1	406.8	407.3	407.8	411.1	412.3	412.2	412.1	411.9
177.5°	408.1	408.5	408.8	409.3	409.7	410.1	412.1	412.8	412.8	412.8	412.7
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19399.4	19406.2	19407.2	19415.2	19414.6	19424.1	19422.5	19430.3	19425.8	19432.1	19426.8
5°	19855.0	19896.4	19918.0	19958.4	19971.1	20007.2	20017.4	20050.3	20051.6	20077.7	20071.8
7.5°	20499.3	20560.2	20596.3	20646.2	20671.5	20713.0	20731.3	20762.0	20771.9	20796.3	20798.2
10°	20883.9	20913.5	20934.1	20948.1	20960.8	20966.7	20973.7	20971.8	20973.7	20971.0	20976.9
12.5°	20732.6	20689.4	20660.9	20606.8	20575.5	20515.7	20486.3	20428.8	20408.0	20358.6	20351.5
15°	19966.3	19815.8	19709.5	19554.9	19457.6	19305.4	19216.4	19079.2	19016.5	18907.4	18878.7
17.5°	18569.7	18290.3	18074.1	17796.7	17604.3	17345.1	17182.0	16967.5	16849.9	16676.9	16617.0
20°	16611.6	16198.2	15873.9	15487.5	15211.0	14866.5	14646.0	14367.9	14206.3	13993.8	13907.7
22.5°	14312.7	13798.0	13393.0	12936.6	12603.0	12219.0	11954.8	11653.9	11478.2	11247.4	11145.1
25°	11943.3	11375.7	10925.4	10444.5	10092.1	9707.2	9443.0	9147.3	8965.5	8746.3	8644.7
27.5°	9677.1	9102.6	8667.4	8220.3	7897.0	7549.8	7311.3	7053.1	6891.8	6704.8	6609.1
30°	7677.3	7170.6	6800.3	6429.2	6160.2	5878.3	5680.1	5466.2	5324.6	5164.4	5073.4
32.5°	6048.0	5656.9	5366.8	5072.5	4852.3	4616.7	4445.4	4256.7	4128.9	3985.9	3903.4
35°	4789.9	4486.0	4254.7	4012.3	3823.3	3622.5	3471.6	3308.7	3194.1	3070.9	2999.7
37.5°	3784.6	3542.8	3352.5	3151.2	2995.9	2829.6	2773.5	2586.6	2467.8	2369.5	2301.4
40°	2970.1	2778.0	2620.5	2466.5	2339.8	2213.7	2112.5	2012.6	1935.9	1865.6	1816.9
42.5°	2319.5	2180.2	2065.2	1952.4	1860.0	1768.1	1694.7	1626.0	1574.3	1528.3	1497.0
45°	1843.8	1748.1	1668.2	1588.7	1523.5	1462.2	1412.8	1368.9	1335.6	1307.9	1288.3
47.5°	1514.7	1449.2	1392.8	1339.2	1295.0	1254.8	1221.7	1210.9	1175.1	1150.9	1141.7
50°	1287.3	1247.7	1204.9	1165.4	1135.8	1106.4	1085.0	1063.9	1050.5	1039.4	1036.0
52.5°	1117.6	1087.3	1063.5	1038.5	1019.0	998.0	983.3	969.2	961.9	956.1	955.4
55°	991.4	970.2	954.5	937.7	926.0	913.7	906.1	898.6	895.5	892.5	892.7
57.5°	895.9	881.8	871.5	860.7	854.3	848.4	846.5	844.6	845.6	846.1	847.7
60°	826.3	817.1	810.7	804.5	801.8	799.9	801.4	803.0	806.4	809.1	811.5
62.5°	773.0	767.8	764.7	761.2	761.0	761.1	763.9	766.8	771.0	774.2	776.5
65°	718.2	715.1	714.1	712.0	713.0	713.7	717.2	719.3	723.5	726.1	729.1
67.5°	662.7	662.0	662.6	662.6	664.5	666.2	669.5	672.0	675.5	677.8	680.3
70°	621.7	622.0	623.6	623.8	625.9	627.0	629.9	631.4	634.7	636.6	639.6
72.5°	581.9	581.2	581.6	580.7	581.4	581.1	582.7	583.5	586.2	587.8	591.3
75°	539.5	537.7	537.3	535.4	535.5	534.0	534.7	534.6	536.5	537.2	539.7
77.5°	488.2	485.2	483.8	480.6	480.5	479.4	480.6	481.4	484.5	486.1	489.0
80°	427.0	422.3	420.1	416.4	417.0	416.8	420.0	422.3	426.2	427.0	430.7
82.5°	354.9	350.1	347.8	344.1	345.0	345.0	347.9	348.5	351.8	353.3	357.5
85°	254.1	255.9	250.9	251.2	250.1	252.1	254.1	256.6	259.4	264.0	267.6
87.5°	149.6	149.0	150.8	151.0	153.6	155.0	159.2	161.5	166.1	169.8	176.4
90°	111.3	106.8	106.1	103.2	103.7	100.8	101.4	98.7	99.9	98.5	100.5
92.5°	87.4	81.8	75.9	70.2	64.3	58.9	55.8	53.5	50.5	48.2	45.1
95°	119.5	111.1	102.7	94.2	85.7	77.3	74.2	71.1	68.1	65.0	61.8
97.5°	139.6	130.5	121.4	112.3	103.2	94.2	92.1	90.1	88.0	85.9	83.9
100°	202.6	185.1	167.6	149.9	132.4	114.9	113.3	111.7	110.0	108.4	106.7
102.5°	414.6	374.4	334.3	293.9	253.8	213.5	206.6	199.6	192.5	185.5	178.5
105°	765.5	701.1	636.8	572.5	508.3	443.9	424.8	405.4	386.3	367.1	347.9
107.5°	1097.1	1034.5	971.8	909.0	846.3	783.6	753.3	723.1	692.6	662.3	632.0
110°	1263.2	1225.6	1188.1	1150.3	1112.9	1075.3	1046.3	1017.4	988.4	959.5	930.7



TEST NUMBER: P1444735
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL36

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1280.7	1262.0	1243.2	1224.5	1205.8	1187.0	1172.9	1158.8	1144.8	1130.7	1116.5
115°	1189.2	1183.4	1177.4	1171.7	1165.9	1160.1	1159.1	1158.2	1157.2	1156.3	1155.4
117.5°	1037.8	1039.1	1040.3	1041.7	1043.1	1044.4	1052.0	1059.6	1067.2	1075.0	1082.8
120°	887.4	892.6	897.9	903.3	908.7	914.1	924.3	934.5	944.8	955.2	965.5
122.5°	761.2	764.9	768.7	772.6	776.5	780.3	790.4	800.7	810.8	821.1	831.5
125°	663.3	663.8	664.2	664.5	665.1	665.6	674.0	682.4	690.9	699.5	707.9
127.5°	595.7	593.8	591.9	590.1	588.2	586.4	591.4	596.5	601.6	606.8	612.0
130°	553.2	549.7	546.0	542.6	538.9	535.5	537.6	539.7	542.0	544.2	546.4
132.5°	526.2	522.1	517.9	513.7	509.5	505.3	505.5	505.7	505.9	506.3	506.7
135°	506.6	502.7	498.7	494.8	490.6	486.8	486.0	485.2	484.3	483.6	482.9
137.5°	491.6	488.4	485.3	482.3	479.0	475.9	474.5	473.4	472.1	471.1	469.9
140°	479.4	477.0	474.4	472.0	469.5	467.1	465.9	465.1	464.0	463.2	462.2
142.5°	469.0	467.3	465.5	463.8	462.0	460.2	459.1	458.2	457.2	456.4	455.5
145°	462.5	461.4	460.3	459.2	458.1	457.1	456.2	455.5	454.8	454.3	453.6
147.5°	453.2	452.5	451.9	451.2	450.5	449.9	449.4	449.1	448.5	448.3	447.8
150°	443.9	443.4	442.7	442.2	441.5	440.9	440.7	440.6	440.4	440.4	440.1
152.5°	432.7	432.1	431.6	431.1	430.4	429.9	429.7	429.7	429.5	429.4	429.2
155°	424.0	423.7	423.3	423.1	422.6	422.4	422.1	421.7	421.4	421.1	420.7
157.5°	418.1	417.8	417.5	417.3	416.8	416.5	416.3	416.0	415.6	415.4	415.0
160°	413.7	413.6	413.2	412.9	412.7	412.4	411.8	411.4	410.7	410.4	409.8
162.5°	412.3	411.7	411.4	410.8	410.3	409.9	409.6	409.2	408.9	408.7	408.3
165°	410.5	410.2	409.9	409.7	409.4	409.1	408.6	408.2	407.6	407.1	406.6
167.5°	411.6	411.4	411.1	410.9	410.6	410.2	409.8	409.3	408.8	408.4	407.8
170°	411.4	410.9	410.6	410.0	409.7	409.2	408.8	408.2	407.8	407.4	406.8
172.5°	413.4	413.1	412.7	412.3	411.8	411.5	411.1	410.7	410.3	409.8	409.5
175°	411.8	411.8	411.7	411.5	411.5	411.3	411.1	411.1	410.9	410.8	410.7
177.5°	412.7	412.7	412.7	412.6	412.5	412.5	412.2	412.0	411.7	411.4	411.2
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL36

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19432.3	19427.4	19429.8	19420.6	19422.8	19411.8	19410.9	19398.4	19397.3	19385.6	19381.1
5°	20090.3	20079.4	20091.7	20072.7	20076.4	20051.6	20049.5	20017.5	20006.5	19966.5	19949.2
7.5°	20813.4	20809.3	20816.7	20800.9	20800.3	20778.2	20769.2	20740.4	20722.7	20680.6	20653.8
10°	20971.8	20975.5	20969.5	20971.0	20962.4	20959.9	20951.2	20945.5	20931.1	20920.3	20904.2
12.5°	20314.0	20318.0	20292.9	20308.8	20296.2	20325.6	20323.2	20357.8	20363.1	20406.8	20423.4
15°	18793.7	18789.0	18740.8	18771.2	18754.9	18819.3	18833.8	18920.4	18966.7	19078.0	19146.4
17.5°	16497.1	16484.7	16416.9	16453.9	16435.0	16530.0	16561.9	16700.5	16786.9	16966.2	17094.0
20°	13759.4	13735.6	13656.3	13699.5	13680.2	13788.1	13833.6	14001.1	14112.5	14350.1	14519.0
22.5°	10987.7	10950.2	10872.5	10912.8	10894.5	11006.4	11065.6	11233.6	11361.3	11605.1	11802.3
25°	8498.7	8465.3	8390.2	8418.4	8411.6	8506.2	8558.8	8717.8	8843.3	9075.5	9263.8
27.5°	6482.2	6447.4	6379.5	6399.5	6392.6	6473.2	6522.9	6655.6	6763.6	6959.2	7124.4
30°	4961.2	4919.2	4861.6	4872.7	4868.0	4933.2	4979.6	5091.4	5184.0	5349.2	5491.6
32.5°	3802.7	3760.5	3707.7	3712.9	3705.9	3757.1	3795.3	3892.5	3973.2	4113.6	4237.6
35°	2909.6	2958.9	2846.0	2917.5	2843.1	2952.4	2913.0	2973.8	3043.2	3161.5	3265.0
37.5°	2236.8	2202.5	2173.4	2170.3	2170.1	2195.5	2225.4	2283.9	2345.0	2433.2	2524.3
40°	1772.5	1748.4	1729.6	1728.3	1729.6	1747.7	1769.8	1810.2	1855.0	1918.3	1985.2
42.5°	1470.2	1454.1	1442.8	1442.1	1445.6	1458.4	1473.8	1497.8	1526.9	1567.9	1613.8
45°	1272.4	1263.5	1257.3	1256.9	1258.5	1265.1	1274.0	1289.0	1307.5	1333.0	1362.1
47.5°	1133.6	1131.6	1127.6	1127.7	1125.9	1128.7	1129.6	1138.1	1147.9	1167.2	1205.1
50°	1032.7	1032.7	1030.0	1029.8	1027.2	1027.1	1024.9	1028.2	1032.9	1044.8	1056.9
52.5°	952.8	952.6	949.6	949.0	946.3	946.1	944.3	945.6	946.2	952.3	959.5
55°	890.4	888.6	884.7	883.4	882.4	883.9	883.2	883.3	882.5	885.0	887.2
57.5°	845.6	843.2	839.5	838.4	838.2	840.1	840.1	839.4	836.1	833.8	830.6
60°	810.2	807.7	803.8	802.8	803.4	806.0	805.8	803.6	798.7	794.3	789.1
62.5°	775.4	774.4	772.4	772.1	771.6	772.0	770.2	767.9	762.9	758.3	752.8
65°	728.7	729.2	727.7	727.9	726.2	725.8	723.1	720.9	715.8	711.6	705.9
67.5°	680.2	680.6	679.3	679.3	678.4	678.6	676.9	674.9	670.6	667.1	662.8
70°	640.2	641.2	640.5	640.8	639.6	639.1	636.6	634.5	630.2	627.4	623.4
72.5°	592.4	594.6	594.5	595.0	593.3	592.4	589.3	586.8	582.9	580.5	577.4
75°	540.7	543.5	544.3	545.5	543.1	541.8	538.5	536.5	533.2	531.8	529.7
77.5°	490.3	493.4	496.3	499.0	495.1	491.6	487.3	484.2	479.5	477.7	474.5
80°	433.7	439.1	445.6	451.1	444.0	436.9	429.9	424.7	418.6	416.1	412.1
82.5°	359.8	365.3	369.1	372.6	367.7	362.4	355.7	351.2	344.6	342.1	337.5
85°	273.3	280.3	282.5	284.4	281.2	278.4	272.1	263.6	259.4	252.9	249.5
87.5°	179.8	184.0	184.7	185.3	183.4	182.1	178.0	174.0	166.9	161.7	155.4
90°	98.4	99.2	95.9	95.0	94.3	96.3	93.8	94.3	90.2	89.8	86.3
92.5°	42.7	39.8	37.2	34.4	37.5	39.8	42.9	45.1	48.1	50.5	53.5
95°	58.7	55.6	52.6	49.5	51.9	54.5	56.9	59.4	61.9	64.3	66.8
97.5°	81.8	79.8	77.8	75.7	77.1	78.6	80.0	81.5	82.8	84.3	85.8
100°	105.0	103.4	101.8	100.1	100.1	100.1	100.1	100.1	100.1	100.1	100.1
102.5°	171.6	164.5	157.5	150.5	155.3	160.0	164.8	169.5	174.2	178.9	183.8
105°	328.7	309.6	290.4	271.3	289.8	308.3	326.9	345.4	364.0	382.7	401.2
107.5°	601.6	571.3	541.1	510.8	544.7	578.4	612.2	646.0	679.7	713.6	747.5
110°	901.9	873.0	844.2	815.3	851.1	887.0	922.8	958.7	994.6	1030.5	1066.4



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	1102.5	1088.5	1074.5	1060.5	1083.6	1106.6	1129.7	1152.9	1176.1	1199.2	1222.3
115°	1154.5	1153.7	1152.9	1152.0	1162.9	1173.9	1184.8	1195.8	1206.8	1217.7	1228.8
117.5°	1090.4	1098.1	1106.0	1113.8	1117.3	1120.8	1124.4	1127.9	1131.6	1135.2	1138.8
120°	975.9	986.3	996.8	1007.3	1005.8	1004.4	1002.9	1001.5	1000.4	999.0	997.9
122.5°	841.8	852.2	862.7	873.2	870.1	867.0	864.0	861.0	858.0	855.1	852.2
125°	716.8	725.4	734.2	743.0	739.9	736.8	733.9	731.0	728.0	725.1	722.3
127.5°	617.4	622.7	628.2	633.6	632.2	630.7	629.5	628.1	627.0	625.8	624.7
130°	548.8	551.3	553.9	556.3	556.7	557.1	557.8	558.3	559.0	559.7	560.5
132.5°	507.4	507.8	508.5	509.1	510.7	512.3	514.3	516.1	518.1	519.9	522.2
135°	482.4	481.9	481.4	481.2	483.6	486.0	488.7	491.2	494.0	496.8	499.8
137.5°	469.0	468.1	467.3	466.4	468.8	471.3	473.9	476.5	479.3	482.1	485.2
140°	461.5	460.7	460.2	459.5	462.0	464.4	466.9	469.6	472.4	475.2	478.1
142.5°	454.9	454.0	453.4	452.9	455.0	457.2	459.7	462.0	464.6	467.1	469.8
145°	453.1	452.5	452.1	451.7	453.3	454.9	456.7	458.4	460.3	462.0	464.2
147.5°	447.5	447.3	447.1	446.9	448.2	449.3	450.6	451.9	453.3	454.7	456.2
150°	440.1	440.0	440.0	440.0	440.7	441.6	442.4	443.2	444.2	445.1	446.2
152.5°	429.3	429.1	429.3	429.3	430.0	430.7	431.5	432.2	433.1	434.0	435.0
155°	420.6	420.4	420.2	420.0	420.3	420.5	421.0	421.2	421.7	422.0	422.5
157.5°	414.9	414.6	414.5	414.2	414.2	414.3	414.4	414.4	414.6	414.6	414.8
160°	409.5	408.8	408.5	408.1	408.4	408.5	408.8	408.9	409.3	409.6	409.9
162.5°	408.1	407.8	407.6	407.3	407.1	406.9	406.8	406.5	406.3	406.1	406.1
165°	406.1	405.6	405.2	404.7	404.7	404.7	404.7	404.7	404.7	404.7	404.9
167.5°	407.4	406.9	406.4	405.9	405.6	405.1	404.8	404.4	404.0	403.7	403.4
170°	406.5	406.0	405.6	405.2	405.0	404.9	404.8	404.6	404.5	404.4	404.4
172.5°	409.1	408.8	408.3	408.0	407.8	407.7	407.7	407.6	407.4	407.4	407.4
175°	410.6	410.5	410.4	410.2	409.9	409.8	409.5	409.3	409.1	408.8	408.6
177.5°	410.9	410.6	410.4	410.2	410.1	410.1	410.1	410.1	410.1	410.0	410.0
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19368.6	19363.5	19350.1	19343.5	19331.1	19324.8	19315.1	19308.9	19301.1	19295.3	19292.3
5°	19905.3	19880.5	19830.8	19800.3	19746.6	19711.4	19658.2	19619.1	19564.2	19523.6	19471.7
7.5°	20603.4	20565.4	20501.8	20453.7	20378.6	20321.3	20237.2	20169.9	20076.9	19999.7	19904.7
10°	20887.7	20865.5	20837.0	20806.0	20764.5	20723.7	20666.2	20607.7	20529.6	20452.0	20350.5
12.5°	20467.5	20488.4	20529.6	20548.8	20580.3	20591.0	20605.5	20598.7	20585.9	20554.2	20508.2
15°	19277.7	19364.9	19502.6	19597.9	19731.4	19825.1	19949.2	20029.1	20121.1	20176.0	20228.2
17.5°	17320.4	17489.0	17732.1	17926.0	18186.3	18398.0	18657.3	18861.1	19096.4	19276.8	19468.9
20°	14813.4	15049.5	15385.1	15670.1	16047.3	16367.1	16777.0	17120.3	17520.7	17854.5	18214.9
22.5°	12115.3	12393.0	12777.4	13121.2	13571.6	13974.0	14487.4	14941.4	15482.7	15967.7	16504.2
25°	9569.8	9842.0	10233.6	10589.5	11075.9	11519.1	12080.0	12600.8	13229.0	13814.8	14487.4
27.5°	7386.9	7628.8	7973.1	8293.4	8738.7	9173.9	9743.1	10298.4	10968.8	11598.4	12323.3
30°	5704.8	5901.0	6176.8	6434.6	6792.1	7147.9	7655.0	8168.6	8835.6	9488.1	10231.2
32.5°	4421.1	4588.3	4818.6	5027.8	5303.3	5571.6	5945.1	6355.4	6940.6	7565.5	8284.0
35°	3422.4	3565.5	3761.4	3941.7	4168.2	4381.3	4659.9	4952.8	5399.4	5925.0	6568.1
37.5°	2728.5	2786.9	2926.7	3074.4	3262.6	3437.6	3655.6	3872.2	4191.7	4606.4	5131.7
40°	2075.0	2167.7	2281.5	2397.8	2540.3	2680.6	2919.8	3034.9	3245.3	3543.0	3950.7
42.5°	1674.3	1739.4	1819.5	1900.4	1999.7	2097.4	2218.4	2341.6	2498.8	2700.5	2990.5
45°	1401.1	1443.5	1495.2	1549.1	1614.3	1681.0	1762.0	1846.6	1953.1	2077.1	2253.2
47.5°	1218.6	1242.0	1275.7	1312.5	1357.2	1403.5	1456.1	1509.9	1576.2	1649.7	1750.0
50°	1076.1	1095.7	1121.9	1146.4	1177.3	1224.6	1245.6	1275.3	1315.1	1358.4	1414.5
52.5°	972.9	986.0	1002.5	1016.6	1036.1	1053.8	1077.1	1097.6	1125.1	1151.1	1187.4
55°	892.7	897.4	906.8	915.8	929.3	941.5	957.4	970.9	988.4	1003.9	1026.8
57.5°	830.7	831.1	835.5	840.2	848.9	856.5	867.4	876.2	888.5	898.4	912.0
60°	786.1	783.8	784.6	786.3	791.1	796.1	803.2	808.9	816.6	822.1	829.8
62.5°	749.1	745.4	744.5	744.0	746.5	748.3	752.1	754.9	759.2	761.7	765.8
65°	702.2	697.9	696.2	694.1	694.8	694.2	695.7	695.8	698.0	698.5	700.9
67.5°	659.7	656.1	653.8	651.1	649.9	648.0	647.1	645.2	644.9	643.4	643.0
70°	621.0	617.4	615.6	613.0	611.8	609.1	607.6	604.4	602.5	599.6	598.0
72.5°	576.2	574.2	573.6	571.9	571.4	570.0	569.4	567.1	565.8	563.3	561.9
75°	529.3	527.7	527.5	525.8	525.7	523.9	523.5	521.1	520.0	517.4	516.3
77.5°	473.5	471.0	470.4	468.3	468.8	467.9	468.7	466.9	466.1	463.6	462.8
80°	410.7	407.5	406.2	403.6	404.3	403.0	404.3	404.1	405.0	403.0	402.7
82.5°	336.2	332.7	332.1	330.3	331.4	331.6	334.3	332.8	333.3	331.5	332.4
85°	244.6	242.1	238.5	238.0	235.6	238.0	234.9	237.0	233.7	236.0	232.8
87.5°	151.6	146.4	143.6	139.8	138.3	134.7	133.1	130.5	131.3	130.1	130.8
90°	86.9	84.0	85.8	85.0	87.5	87.1	90.4	90.9	94.4	95.0	98.8
92.5°	55.8	58.5	63.5	68.6	73.4	78.3	83.3	88.4	93.2	98.2	103.0
95°	69.3	71.8	78.4	84.9	91.5	98.2	104.8	111.4	118.0	124.5	131.1
97.5°	87.3	88.7	95.3	101.9	108.5	115.1	121.6	128.4	135.0	141.6	148.2
100°	100.1	100.2	119.0	137.8	156.4	175.3	194.0	212.8	231.6	250.3	269.1
102.5°	188.5	193.2	240.6	288.1	335.4	382.8	430.2	477.7	525.0	572.6	620.1
105°	419.7	438.4	510.7	583.0	655.3	727.7	800.1	872.6	944.8	1017.3	1089.7
107.5°	781.3	815.1	880.4	945.8	1011.1	1076.6	1142.0	1207.4	1272.8	1338.2	1403.7
110°	1102.3	1138.2	1181.9	1225.7	1269.6	1313.4	1357.0	1400.9	1444.8	1488.6	1532.6



TEST NUMBER: P1444735
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL36

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	1245.3	1268.6	1294.1	1319.5	1345.1	1370.6	1396.1	1421.6	1447.2	1472.8	1498.4
115°	1239.9	1250.9	1260.7	1270.7	1280.4	1290.3	1300.3	1310.4	1320.3	1330.3	1340.4
117.5°	1142.3	1146.1	1147.6	1149.0	1150.5	1152.1	1153.7	1155.3	1157.0	1158.6	1160.2
120°	996.5	995.3	993.5	991.8	990.1	988.4	986.8	985.1	983.6	982.0	980.4
122.5°	849.3	846.6	844.9	843.2	841.6	840.1	838.4	837.0	835.5	834.0	832.5
125°	719.5	716.9	718.2	719.4	720.8	722.2	723.5	725.1	726.4	727.9	729.3
127.5°	623.6	622.6	626.2	629.9	633.5	637.2	641.0	644.9	648.5	652.4	656.0
130°	561.3	562.2	566.9	571.6	576.4	581.2	586.1	590.9	595.7	600.5	605.3
132.5°	524.2	526.5	530.8	535.5	540.1	544.7	549.3	553.9	558.7	563.4	567.8
135°	502.7	505.8	509.9	514.1	518.2	522.6	526.7	531.0	535.1	539.4	543.4
137.5°	488.0	491.0	494.4	497.7	500.9	504.4	507.7	511.1	514.3	517.7	521.0
140°	481.1	484.1	485.8	487.7	489.6	491.4	493.1	495.0	496.8	498.8	500.5
142.5°	472.4	475.3	476.3	477.5	478.5	479.9	481.0	482.2	483.2	484.3	485.3
145°	466.1	468.3	468.2	468.3	468.3	468.4	468.3	468.5	468.3	468.4	468.3
147.5°	457.7	459.3	458.9	458.7	458.4	458.1	457.9	457.6	457.2	457.0	456.6
150°	447.2	448.3	447.6	447.2	446.5	445.9	445.2	444.6	444.0	443.5	442.7
152.5°	435.9	436.9	436.0	435.5	434.8	434.1	433.3	432.8	432.0	431.3	430.7
155°	422.8	423.3	422.9	422.6	422.2	421.8	421.4	421.3	420.9	420.5	420.3
157.5°	415.0	415.1	414.9	414.6	414.5	414.3	414.0	413.9	413.8	413.7	413.7
160°	410.0	410.5	410.2	409.9	409.8	409.6	409.3	409.2	409.1	409.1	409.1
162.5°	405.9	405.8	405.6	405.4	405.1	404.9	404.9	404.9	404.7	404.8	404.8
165°	404.9	405.1	404.6	404.3	403.9	403.6	403.2	403.0	402.8	402.6	402.4
167.5°	403.2	403.0	403.0	403.0	403.0	403.1	403.2	403.5	403.6	403.9	404.0
170°	404.3	404.4	404.1	404.0	403.8	403.7	403.6	403.4	403.3	403.3	403.1
172.5°	407.4	407.4	406.9	406.6	406.1	405.8	405.3	405.1	404.7	404.4	404.0
175°	408.3	408.1	407.9	407.7	407.5	407.2	406.9	406.7	406.5	406.2	406.0
177.5°	409.9	409.8	409.7	409.7	409.7	409.6	409.6	409.5	409.5	409.5	409.3
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19288.4	19288.1	19286.3	19287.1	19287.5	19288.9	19290.6	19292.3	19292.6	19294.0	19294.3
5°	19432.7	19385.0	19349.8	19310.9	19281.7	19255.4	19237.9	19224.1	19218.6	19220.0	19223.2
7.5°	19824.1	19725.6	19644.4	19552.0	19474.9	19393.4	19325.7	19261.4	19214.5	19179.6	19160.1
10°	20253.6	20133.7	20018.9	19885.2	19758.3	19623.0	19500.4	19377.0	19274.0	19184.5	19118.9
12.5°	20444.3	20359.5	20260.3	20134.1	19998.3	19842.2	19684.4	19515.4	19358.0	19212.1	19094.4
15°	20242.5	20242.7	20206.5	20145.9	20051.6	19926.8	19776.6	19600.3	19414.7	19225.4	19052.4
17.5°	19601.8	19722.7	19790.0	19832.5	19819.4	19773.5	19677.8	19542.4	19369.4	19167.8	18956.7
20°	18501.6	18786.8	18990.0	19172.8	19275.3	19343.3	19336.5	19281.4	19158.3	18986.8	18767.0
22.5°	16960.5	17439.0	17816.6	18168.7	18415.6	18616.5	18712.0	18752.6	18696.8	18577.3	18370.8
25°	15088.6	15739.2	16294.4	16833.3	17237.5	17584.9	17793.6	17940.7	17952.4	17889.9	17705.8
27.5°	13008.5	13776.6	14479.2	15195.4	15763.8	16263.2	16590.9	16830.7	16906.8	16896.9	16729.6
30°	10931.1	11737.4	12512.0	13347.1	14050.5	14688.4	15121.3	15445.7	15570.6	15594.6	15433.7
32.5°	8969.3	9764.3	10536.8	11409.8	12183.9	12915.0	13426.5	13811.7	13957.0	13991.3	13814.8
35°	7188.7	7922.2	8656.3	9502.5	10272.1	11029.2	11568.1	11971.4	12107.2	12130.0	11925.8
37.5°	5644.7	6269.6	6909.3	7668.5	8375.2	9086.4	9598.3	9977.4	10076.3	10070.1	9839.0
40°	4344.7	4830.6	5344.4	5969.5	6557.1	7158.2	7590.5	7903.9	7955.8	7917.4	7674.5
42.5°	3267.0	3617.9	3990.5	4457.1	4893.0	5342.9	5657.4	5890.1	5897.5	5836.7	5618.7
45°	2433.9	2776.3	2932.5	3214.6	3495.3	3794.5	3986.6	4130.3	4108.0	4054.6	3888.9
47.5°	1855.4	1986.9	2126.5	2301.4	2465.0	2804.5	2779.3	3010.1	2843.9	2957.3	2707.7
50°	1473.4	1546.9	1622.1	1715.0	1800.4	1889.2	1944.6	1985.9	1980.6	1962.8	1915.0
52.5°	1253.5	1276.2	1313.3	1366.0	1413.8	1461.7	1493.4	1519.0	1519.6	1512.3	1488.2
55°	1047.6	1076.5	1103.1	1137.6	1196.4	1205.4	1250.7	1241.5	1245.1	1232.5	1245.4
57.5°	923.7	940.5	955.5	976.0	993.0	1012.8	1024.5	1035.8	1034.7	1032.2	1019.9
60°	835.9	845.2	853.5	865.5	874.8	885.9	891.4	897.1	895.2	891.0	880.0
62.5°	768.1	774.0	778.7	786.4	792.1	799.1	801.8	804.3	801.8	797.9	788.2
65°	701.3	705.1	708.1	713.9	717.9	723.9	726.2	728.5	726.3	723.3	715.8
67.5°	641.1	641.4	641.1	643.5	644.8	648.3	649.4	651.1	648.5	645.9	639.6
70°	595.4	594.5	593.3	594.3	594.5	596.2	596.5	596.2	593.1	588.5	581.7
72.5°	559.7	559.2	558.3	559.1	559.1	560.7	560.2	559.4	555.6	551.1	544.3
75°	513.7	513.4	511.7	511.7	510.3	510.8	508.9	507.9	503.6	499.9	493.9
77.5°	460.1	459.1	456.6	455.7	453.0	451.8	448.4	446.6	442.3	439.3	434.1
80°	400.1	399.1	395.9	394.1	389.8	387.1	381.9	378.9	374.0	371.1	366.1
82.5°	330.6	331.0	327.8	325.6	319.4	314.7	307.8	304.1	298.6	295.7	290.6
85°	235.2	231.8	233.6	233.5	229.6	225.5	219.9	216.0	211.4	208.6	205.0
87.5°	129.0	129.8	128.9	128.1	125.3	123.3	118.9	116.6	113.2	111.6	108.9
90°	92.3	89.0	82.7	79.6	73.4	69.2	62.4	58.5	52.1	50.4	46.8
92.5°	97.5	91.9	86.6	80.8	75.4	69.8	64.3	58.6	53.1	51.1	49.4
95°	123.1	115.1	107.0	99.1	91.0	83.0	75.0	67.1	59.0	57.4	55.7
97.5°	138.8	129.2	119.8	110.4	101.0	91.4	82.1	72.6	63.2	62.2	61.1
100°	247.3	225.6	203.7	181.9	160.2	138.4	116.6	94.7	73.0	71.7	70.5
102.5°	567.2	514.3	461.4	408.6	355.7	302.8	249.9	196.9	144.1	136.5	128.9
105°	1009.7	929.6	849.7	769.7	689.5	609.4	529.5	449.4	369.3	343.6	317.8
107.5°	1328.4	1253.1	1178.0	1102.7	1027.4	952.2	877.0	801.6	726.3	681.0	635.8
110°	1472.9	1413.0	1353.3	1293.6	1233.8	1174.1	1114.2	1054.4	994.7	955.5	916.7



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	1454.7	1410.7	1367.0	1323.1	1279.3	1235.4	1191.6	1147.6	1103.7	1080.0	1056.3
115°	1314.0	1287.4	1261.1	1234.5	1208.0	1181.5	1155.1	1128.4	1101.9	1089.3	1076.7
117.5°	1146.7	1133.0	1119.5	1105.8	1092.2	1078.4	1064.8	1051.1	1037.4	1032.9	1028.4
120°	976.3	972.0	967.6	963.3	959.0	954.7	950.3	945.9	941.5	941.9	942.2
122.5°	833.8	835.2	836.5	837.7	839.2	840.3	841.7	842.9	844.1	847.2	850.3
125°	732.9	736.6	740.2	743.8	747.4	751.1	754.7	758.1	761.9	764.9	768.1
127.5°	660.3	664.2	668.4	672.4	676.6	680.5	684.6	688.4	692.6	695.3	698.2
130°	609.0	612.3	615.9	619.3	622.8	626.3	629.6	633.2	636.6	638.7	640.8
132.5°	570.9	574.0	577.2	580.1	583.3	586.2	589.5	592.5	595.6	597.0	598.5
135°	545.8	548.0	550.2	552.3	554.8	556.9	559.2	561.5	563.8	564.6	565.6
137.5°	522.9	524.6	526.5	528.2	530.0	531.8	533.8	535.5	537.6	537.7	538.3
140°	502.5	504.4	506.4	508.3	510.4	512.3	514.4	516.5	518.6	518.9	519.2
142.5°	486.9	488.3	489.8	491.2	493.0	494.3	495.9	497.8	499.4	499.7	500.0
145°	470.2	472.0	473.8	475.6	477.5	479.4	481.5	483.5	485.6	485.6	485.7
147.5°	458.1	459.6	461.3	463.0	464.5	466.1	468.1	469.8	471.7	471.7	471.7
150°	444.6	446.3	448.0	449.7	451.5	453.4	455.3	457.3	459.5	459.9	460.2
152.5°	432.6	434.4	436.3	438.3	440.4	442.5	444.6	446.7	448.9	449.3	449.7
155°	422.2	424.0	426.1	428.1	430.1	432.0	434.2	436.3	438.4	439.0	439.5
157.5°	415.5	417.1	418.9	420.7	422.4	424.3	426.2	428.0	430.0	430.3	430.8
160°	410.7	412.0	413.6	415.3	416.8	418.5	420.2	421.7	423.4	423.8	424.3
162.5°	406.3	407.8	409.4	410.8	412.6	414.0	415.7	417.2	418.9	419.3	419.7
165°	403.5	404.6	405.8	406.8	408.0	409.1	410.3	411.5	412.7	413.1	413.7
167.5°	404.9	405.7	406.5	407.3	408.3	409.2	410.1	410.9	411.9	412.4	412.9
170°	404.0	404.8	405.5	406.3	407.2	408.0	408.8	409.6	410.6	410.9	411.6
172.5°	404.5	404.9	405.6	405.9	406.6	407.0	407.7	408.2	408.8	409.5	409.9
175°	406.3	406.6	406.9	407.0	407.4	407.7	407.9	408.4	408.7	409.1	409.6
177.5°	409.5	409.7	409.9	410.1	410.5	410.7	411.0	411.2	411.5	412.1	412.7
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19293.7	19293.4	19292.8	19291.9	19291.0	19291.6	19292.4	19294.7	19298.5	19304.1	19311.4
5°	19225.9	19229.9	19232.0	19232.4	19230.3	19229.1	19231.0	19236.3	19247.0	19264.9	19289.1
7.5°	19154.9	19159.7	19167.2	19172.8	19173.8	19172.5	19172.8	19181.1	19200.9	19235.8	19284.8
10°	19079.0	19064.6	19072.2	19086.1	19097.2	19099.2	19100.5	19110.4	19139.2	19192.1	19270.7
12.5°	19009.0	18963.4	18954.6	18967.1	18983.9	18989.3	18987.8	18992.0	19025.8	19095.7	19205.4
15°	18916.9	18831.0	18801.7	18804.9	18825.6	18833.1	18827.6	18819.3	18852.3	18937.6	19079.6
17.5°	18767.8	18629.3	18575.4	18573.0	18597.3	18603.8	18590.4	18564.6	18597.0	18703.5	18879.7
20°	18541.2	18336.8	18235.2	18219.0	18245.4	18237.7	18211.1	18172.1	18214.7	18344.1	18553.7
22.5°	18133.7	17874.8	17701.2	17645.2	17676.8	17655.7	17617.0	17567.1	17623.7	17770.8	18004.2
25°	17468.0	17168.8	16931.1	16797.8	16822.9	16785.3	16743.1	16682.6	16750.1	16918.9	17175.9
27.5°	16489.4	16143.7	15849.3	15628.6	15636.7	15587.4	15538.7	15460.5	15544.8	15744.7	16034.5
30°	15188.2	14788.2	14429.6	14129.8	14102.9	14055.1	14005.1	13902.5	14008.0	14247.2	14585.9
32.5°	13554.0	13109.9	12695.6	12316.5	12244.9	12198.2	12153.8	12035.7	12173.8	12452.7	12841.8
35°	11642.9	11169.9	10720.7	10287.7	10169.1	10122.4	10083.5	9970.4	10142.7	10446.3	10866.5
37.5°	9545.2	9061.9	8616.0	8171.9	8004.5	7941.2	7913.0	7838.8	8037.6	8337.8	8759.8
40°	7391.7	6942.4	6542.6	6150.3	5959.5	5862.5	5847.7	5834.2	6026.5	6286.8	6669.9
42.5°	5377.2	5014.6	4706.4	4406.6	4233.6	4101.2	4101.1	4141.4	4314.4	4509.4	4804.8
45°	3719.6	3476.3	3279.8	3079.5	3133.1	2869.2	3024.2	2944.7	3030.2	3155.9	3348.0
47.5°	2556.8	2424.1	2316.1	2204.2	2122.6	2044.8	2051.6	2101.8	2182.3	2256.9	2356.9
50°	1863.5	1795.9	1740.9	1682.8	1642.2	1607.8	1609.8	1631.6	1673.9	1713.2	1765.5
52.5°	1460.2	1422.8	1393.0	1360.9	1339.6	1322.5	1323.4	1334.0	1356.9	1379.3	1409.3
55°	1203.5	1199.1	1160.2	1131.4	1120.4	1108.9	1111.0	1115.1	1130.7	1143.9	1163.7
57.5°	1008.6	991.2	979.5	964.3	957.4	949.3	951.1	952.6	963.1	971.9	986.2
60°	870.9	858.6	850.3	840.0	835.4	830.3	831.5	832.4	839.0	844.8	855.0
62.5°	779.4	768.4	761.2	753.3	750.0	746.5	747.4	747.6	751.8	756.1	763.8
65°	709.3	700.5	694.5	687.6	684.3	680.7	681.0	681.0	684.6	687.6	693.4
67.5°	635.1	628.4	624.6	619.1	616.8	613.2	613.1	612.0	614.2	615.5	619.4
70°	575.5	568.8	563.9	558.7	555.8	552.6	552.6	552.7	555.4	558.1	563.3
72.5°	538.7	532.3	527.9	523.4	520.6	517.9	517.4	517.2	519.1	520.6	523.9
75°	490.0	484.9	482.3	478.0	475.9	472.7	472.3	470.8	471.7	472.1	474.6
77.5°	430.9	426.1	424.0	419.6	417.8	414.3	414.0	412.5	413.2	412.7	414.6
80°	363.5	359.2	358.0	354.4	353.6	350.3	349.8	347.8	348.5	346.9	347.7
82.5°	288.3	284.3	283.5	280.1	280.1	277.2	277.1	274.2	274.2	271.6	267.6
85°	203.1	200.1	198.9	196.2	195.4	193.0	191.9	189.1	188.1	186.3	185.7
87.5°	107.2	105.3	103.7	102.4	100.0	95.8	95.4	92.4	92.7	90.6	90.7
90°	45.3	42.0	40.7	37.5	36.0	33.4	32.1	33.0	34.3	35.3	36.7
92.5°	47.6	45.7	43.9	42.0	40.2	38.2	36.4	38.2	40.2	42.0	43.9
95°	54.0	52.4	50.8	49.1	47.4	45.8	44.1	45.8	47.4	49.2	50.8
97.5°	60.1	59.0	58.0	56.9	55.9	54.8	53.8	54.9	56.0	57.0	58.1
100°	69.2	68.0	66.8	65.5	64.3	63.1	61.8	63.3	64.4	65.7	67.0
102.5°	121.4	113.7	106.0	98.4	90.8	83.2	75.6	83.2	90.8	98.5	106.1
105°	292.1	266.5	240.6	214.9	189.2	163.4	137.7	163.5	189.2	215.0	240.8
107.5°	590.5	545.3	500.0	454.8	409.4	364.2	318.8	364.2	409.5	454.8	500.1
110°	877.5	838.4	799.4	760.3	721.2	682.1	642.9	682.2	721.3	760.5	799.7



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	1032.5	1008.7	984.9	961.2	937.2	913.5	889.6	913.7	937.5	961.5	985.4
115°	1064.2	1051.5	1039.1	1026.4	1013.7	1001.1	988.4	1001.3	1014.1	1026.9	1039.7
117.5°	1023.9	1019.4	1014.9	1010.4	1005.8	1001.2	996.6	1001.4	1006.2	1011.0	1015.6
120°	942.5	942.9	943.1	943.4	943.7	943.9	944.0	944.2	944.2	944.2	944.1
122.5°	853.4	856.5	859.5	862.5	865.5	868.4	871.3	868.6	866.0	863.4	860.6
125°	771.2	774.4	777.4	780.5	783.5	786.6	789.4	787.0	784.3	781.6	778.8
127.5°	701.0	703.8	706.5	709.3	711.9	714.5	717.0	714.9	712.6	710.4	708.0
130°	642.8	644.9	646.8	648.8	650.6	652.4	654.0	652.7	651.3	650.0	648.4
132.5°	599.9	601.4	603.0	604.3	605.5	606.8	607.8	607.2	606.4	605.7	604.7
135°	566.5	567.4	568.2	569.1	569.7	570.4	570.8	570.9	570.6	570.4	570.1
137.5°	538.5	538.8	539.0	539.2	539.3	539.3	539.2	539.8	540.2	540.8	540.9
140°	519.4	519.9	520.1	520.3	520.4	520.5	520.3	521.0	521.4	521.9	522.0
142.5°	500.2	500.6	500.7	501.1	501.0	501.2	501.0	501.7	502.0	502.5	502.7
145°	485.9	485.9	485.9	485.9	485.8	485.6	485.2	486.2	486.8	487.3	487.9
147.5°	471.8	471.9	471.7	471.7	471.6	471.4	471.0	471.8	472.5	473.0	473.6
150°	460.6	461.0	461.3	461.7	461.8	462.0	462.0	462.4	462.7	463.0	463.1
152.5°	450.0	450.3	450.6	450.8	451.0	451.1	451.2	451.5	452.0	452.3	452.5
155°	439.9	440.5	440.8	441.3	441.6	441.9	442.2	442.5	442.7	442.8	443.0
157.5°	431.2	431.7	432.0	432.5	432.8	433.2	433.5	433.9	434.1	434.4	434.5
160°	424.6	425.2	425.4	425.9	426.2	426.6	426.9	427.2	427.5	427.7	428.0
162.5°	420.1	420.5	420.7	421.2	421.5	421.9	422.2	422.5	422.8	423.1	423.3
165°	414.3	414.8	415.4	415.9	416.5	417.0	417.5	417.6	417.6	417.6	417.7
167.5°	413.4	413.9	414.5	415.0	415.4	416.0	416.5	416.5	416.5	416.5	416.5
170°	411.9	412.4	412.9	413.4	413.8	414.4	414.7	414.7	414.6	414.7	414.7
172.5°	410.6	411.2	411.8	412.5	413.0	413.6	414.2	414.1	413.8	413.6	413.2
175°	410.1	410.7	411.2	411.7	412.2	412.7	413.4	412.9	412.8	412.5	412.2
177.5°	413.5	414.3	414.9	415.6	416.2	416.8	417.5	416.9	416.4	415.8	415.2
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19321.8	19331.5	19346.2	19359.6	19379.8	19395.7	19419.6	19437.8	19464.7	19482.3	19511.5
5°	19323.5	19361.3	19411.0	19459.5	19517.8	19570.7	19636.5	19692.6	19758.7	19812.7	19880.3
7.5°	19350.8	19423.7	19511.1	19599.1	19698.7	19791.8	19896.7	19991.7	20095.6	20183.4	20279.5
10°	19371.0	19483.4	19612.1	19741.8	19878.2	20004.8	20132.7	20243.3	20346.6	20431.6	20506.7
12.5°	19343.6	19498.5	19663.7	19823.3	19974.9	20106.1	20216.1	20301.1	20359.9	20399.7	20409.0
15°	19250.7	19437.1	19616.8	19775.6	19901.5	19998.6	20048.8	20072.3	20047.1	20005.1	19913.0
17.5°	19077.1	19273.7	19434.4	19559.8	19626.2	19652.6	19611.0	19538.6	19397.1	19240.0	19013.2
20°	18759.0	18942.2	19058.7	19127.1	19109.2	19043.4	18886.4	18695.4	18412.9	18111.9	17714.7
22.5°	18200.9	18361.0	18423.1	18428.2	18319.6	18155.0	17871.5	17544.0	17098.4	16635.1	16065.4
25°	17363.2	17503.4	17513.3	17458.2	17259.5	16992.6	16576.4	16113.1	15507.6	14890.3	14176.3
27.5°	16227.0	16361.6	16328.6	16225.8	15950.0	15592.8	15060.1	14461.5	13715.0	12986.0	12196.2
30°	14798.9	14942.7	14904.0	14772.2	14444.2	14022.0	13395.1	12699.6	11870.8	11092.1	10291.8
32.5°	13089.7	13271.6	13244.9	13119.6	12777.3	12325.4	11645.2	10907.6	10059.7	9292.3	8513.9
35°	11147.1	11367.9	11379.3	11297.4	10979.6	10533.1	9861.4	9147.4	8335.2	7611.2	6892.0
37.5°	9054.1	9310.1	9362.7	9340.6	9077.2	8683.0	8071.0	7430.5	6711.0	6076.5	5461.4
40°	6949.6	7208.7	7298.6	7325.3	7130.9	6825.6	6323.4	5806.4	5219.8	4705.6	4217.2
42.5°	5030.3	5260.1	5346.9	5401.5	5280.3	5076.6	4710.3	4334.9	3905.1	3534.2	3178.7
45°	3493.6	3656.1	3722.2	3777.2	3711.1	3596.3	3364.9	3130.1	2846.5	2604.2	2374.7
47.5°	2442.6	2532.2	2575.9	2602.5	2577.0	2517.1	2391.1	2255.1	2095.0	1953.3	1817.2
50°	1810.5	1858.2	1881.0	1896.4	1877.8	1844.5	1776.3	1702.3	1614.4	1534.1	1455.7
52.5°	1434.8	1462.1	1475.7	1484.0	1473.3	1452.9	1413.2	1369.4	1316.6	1267.0	1241.0
55°	1208.7	1207.3	1238.7	1223.5	1238.7	1204.9	1197.7	1149.5	1105.7	1074.8	1041.5
57.5°	996.8	1011.0	1017.0	1023.8	1019.3	1013.2	996.3	979.1	956.0	936.7	916.1
60°	862.8	874.5	881.1	887.8	887.4	885.1	875.3	865.0	850.6	839.0	826.6
62.5°	770.6	780.7	787.2	793.6	794.2	793.2	785.9	778.7	768.8	761.6	753.0
65°	698.0	705.1	709.6	714.6	714.4	713.0	706.3	700.3	692.3	687.2	680.9
67.5°	622.0	627.4	630.8	635.6	636.6	636.9	633.2	630.4	626.5	625.0	622.8
70°	568.0	574.5	580.1	586.1	589.5	591.0	589.5	588.0	585.7	584.7	583.0
72.5°	527.1	532.6	536.9	542.4	545.5	547.8	546.5	545.8	543.7	543.4	542.3
75°	476.3	480.1	482.5	486.7	488.3	490.4	489.5	490.0	489.3	491.0	490.9
77.5°	415.3	418.1	419.2	422.2	422.5	425.0	425.6	428.5	430.6	435.2	437.7
80°	346.5	348.3	348.3	351.4	352.7	357.0	359.0	363.8	366.1	370.1	370.5
82.5°	269.2	267.1	269.2	267.9	271.8	276.6	277.2	281.3	282.2	284.9	282.8
85°	184.0	183.9	182.3	182.5	181.3	181.9	181.2	181.9	181.3	181.3	179.5
87.5°	88.2	89.0	87.0	87.6	85.8	86.6	85.0	86.3	84.4	84.7	81.8
90°	37.8	39.1	40.2	41.6	43.2	46.8	50.4	53.9	57.8	61.3	65.0
92.5°	45.7	47.7	49.5	51.4	53.2	58.7	64.3	69.9	75.6	81.0	86.6
95°	52.5	54.1	55.8	57.6	59.3	67.3	75.3	83.4	91.4	99.4	107.4
97.5°	59.2	60.3	61.3	62.4	63.4	72.9	82.4	91.8	101.3	110.8	120.2
100°	68.2	69.5	70.8	72.0	73.2	95.1	116.9	138.8	160.6	182.4	204.2
102.5°	113.9	121.5	129.2	136.9	144.5	197.4	250.3	303.3	356.1	409.1	462.0
105°	266.6	292.4	318.2	344.0	369.7	449.8	529.9	610.1	690.1	770.2	850.3
107.5°	545.5	590.8	636.2	681.6	726.9	802.3	877.6	952.8	1028.2	1103.6	1178.8
110°	838.8	877.9	917.1	956.3	995.4	1055.2	1115.2	1175.0	1234.8	1294.7	1354.4



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CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	1009.3	1033.1	1057.1	1080.7	1104.6	1148.6	1192.7	1236.6	1280.6	1324.4	1368.4
115°	1052.3	1064.9	1077.7	1090.3	1103.1	1129.6	1156.3	1182.9	1209.6	1236.1	1262.7
117.5°	1020.3	1025.0	1029.6	1034.1	1038.7	1052.5	1066.3	1080.1	1093.9	1107.6	1121.4
120°	944.0	943.9	943.7	943.4	943.2	947.6	952.2	956.6	961.1	965.4	969.8
122.5°	857.8	854.8	852.0	849.1	846.1	845.0	843.8	842.6	841.5	840.3	839.1
125°	776.0	773.0	770.1	767.1	764.0	760.6	757.1	753.6	750.2	746.5	743.0
127.5°	705.7	703.0	700.6	697.9	695.2	691.2	687.4	683.3	679.5	675.4	671.5
130°	646.8	645.0	643.4	641.3	639.6	636.1	632.8	629.4	626.0	622.6	619.2
132.5°	603.6	602.4	601.3	600.0	598.8	595.7	592.9	589.7	586.8	583.8	581.0
135°	569.6	569.1	568.6	567.9	567.3	565.0	562.9	560.7	558.6	556.4	554.2
137.5°	541.3	541.2	541.3	541.2	541.2	539.4	537.7	535.9	534.2	532.5	530.7
140°	522.3	522.3	522.5	522.4	522.4	520.5	518.6	516.7	514.8	512.8	511.0
142.5°	502.9	503.0	503.2	503.1	503.2	501.7	500.4	498.9	497.5	495.9	494.7
145°	488.2	488.6	489.0	489.1	489.6	487.7	486.0	484.1	482.4	480.6	478.9
147.5°	474.2	474.6	474.9	475.3	475.7	474.1	472.8	471.2	469.8	468.2	466.9
150°	463.3	463.4	463.6	463.6	463.6	462.0	460.4	458.8	457.2	455.6	454.1
152.5°	452.7	452.9	453.2	453.3	453.4	451.8	450.1	448.3	446.5	444.7	443.0
155°	443.2	443.2	443.3	443.3	443.3	441.7	440.0	438.2	436.6	434.9	433.3
157.5°	434.7	434.8	434.9	435.0	435.1	433.7	432.2	430.8	429.3	427.9	426.4
160°	428.1	428.3	428.5	428.6	428.7	427.4	426.4	425.0	423.9	422.5	421.2
162.5°	423.5	423.7	423.9	424.0	424.1	422.8	421.8	420.5	419.4	417.9	416.7
165°	417.8	417.7	417.6	417.5	417.5	416.6	415.9	415.1	414.3	413.3	412.5
167.5°	416.5	416.5	416.5	416.3	416.2	415.6	415.2	414.6	413.9	413.3	412.7
170°	414.6	414.6	414.6	414.4	414.3	413.6	413.1	412.6	412.1	411.3	410.7
172.5°	413.0	412.7	412.4	412.2	411.8	411.4	411.0	410.6	410.3	409.8	409.5
175°	411.8	411.6	411.2	410.9	410.6	410.5	410.2	410.1	409.9	409.7	409.5
177.5°	414.7	414.2	413.6	413.0	412.5	412.3	412.2	411.9	411.8	411.7	411.5
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19529.8	19409.1	19393.2	19401.7	19421.8	19429.2	19451.0	19457.0	19478.8	19484.3	19505.3
5°	19932.7	19773.3	19781.3	19819.6	19877.6	19912.2	19969.2	19999.1	20053.5	20078.3	20127.5
7.5°	20357.6	20232.4	20271.5	20336.1	20415.4	20470.4	20539.0	20583.5	20642.6	20679.3	20726.6
10°	20566.2	20532.0	20574.9	20625.8	20671.1	20706.5	20735.5	20758.8	20774.1	20788.3	20794.5
12.5°	20407.5	20460.6	20467.9	20462.9	20433.0	20410.1	20358.6	20323.7	20261.6	20223.8	20150.1
15°	19818.9	19935.6	19871.0	19773.1	19629.9	19510.5	19342.0	19216.4	19040.9	18921.8	18745.6
17.5°	18785.9	18933.3	18764.9	18538.4	18250.4	18004.0	17697.2	17453.5	17148.5	16926.5	16641.8
20°	17331.8	17469.5	17169.1	16793.7	16348.2	15973.1	15530.9	15178.1	14767.2	14461.5	14092.6
22.5°	15521.2	15619.3	15196.1	14690.1	14122.4	13653.9	13125.2	12702.2	12233.2	11883.8	11490.3
25°	13518.2	13544.6	13037.0	12454.0	11821.3	11294.9	10730.3	10285.6	9807.3	9453.1	9067.1
27.5°	11496.5	11457.6	10908.9	10290.8	9625.3	9078.1	8527.5	8110.7	7691.8	7372.8	7040.2
30°	9588.2	9494.3	8924.5	8289.2	7643.2	7152.7	6695.6	6360.9	6027.7	5774.6	5507.6
32.5°	7838.4	7705.8	7151.2	6556.0	6011.6	5633.1	5294.1	5040.9	4771.8	4558.0	4334.0
35°	6288.5	6147.2	5655.9	5151.3	4739.3	4460.2	4193.9	3986.1	3757.6	3577.2	3382.7
37.5°	4958.3	4842.5	4431.0	4033.9	3722.2	3506.0	3287.7	3118.0	2929.1	2849.8	2641.9
40°	3827.8	3746.9	3425.1	3132.4	2898.3	2796.8	2575.2	2416.5	2275.4	2159.1	2046.4
42.5°	2985.7	2957.1	2643.9	2415.6	2250.9	2122.9	1999.4	1899.2	1801.6	1721.4	1645.6
45°	2191.1	2168.4	2029.4	1897.6	1785.3	1695.8	1612.5	1543.5	1479.7	1426.8	1378.7
47.5°	1706.2	1698.9	1618.9	1537.1	1466.4	1409.0	1354.8	1309.0	1266.7	1231.4	1219.9
50°	1387.7	1386.8	1339.8	1289.3	1239.0	1205.8	1171.2	1144.1	1117.0	1095.8	1073.5
52.5°	1179.1	1174.0	1142.2	1111.2	1081.3	1059.4	1037.3	1020.1	1002.0	989.0	975.0
55°	1015.1	1020.4	1002.1	983.5	964.8	951.2	935.8	924.4	911.9	903.7	895.4
57.5°	901.2	908.2	898.6	888.1	876.7	867.8	857.1	849.2	841.0	835.7	830.8
60°	818.3	826.0	822.1	816.9	809.8	804.5	797.8	793.3	788.1	785.1	782.3
62.5°	748.0	757.7	756.3	753.8	749.3	746.4	742.6	740.7	737.1	735.8	734.6
65°	677.8	688.7	688.5	687.3	684.8	683.9	681.7	681.2	679.4	680.1	680.0
67.5°	622.6	632.2	634.2	635.7	635.6	636.2	636.0	637.0	637.0	638.3	639.1
70°	582.9	589.5	591.0	592.6	593.0	594.3	594.3	595.1	594.9	596.0	596.2
72.5°	542.6	551.2	552.9	554.1	554.1	555.4	554.7	554.5	552.8	552.4	551.2
75°	492.5	503.6	506.1	507.6	507.9	508.9	507.5	506.5	503.6	502.5	500.5
77.5°	440.2	451.8	453.5	454.1	453.2	453.3	450.2	448.0	444.4	442.8	440.9
80°	372.1	389.2	390.5	389.4	386.7	386.4	383.3	381.2	376.9	375.4	373.7
82.5°	283.1	303.1	305.9	307.2	305.0	305.5	302.5	301.4	297.4	296.6	294.0
85°	178.8	198.8	202.0	201.6	199.4	198.8	197.1	197.8	197.4	198.4	199.0
87.5°	82.1	101.4	106.1	104.6	104.4	103.0	100.0	101.1	103.0	104.1	104.2
90°	68.6	78.0	81.6	78.9	74.3	71.4	67.1	64.4	60.5	57.8	53.7
92.5°	92.2	97.8	103.3	98.3	93.4	88.5	83.6	78.5	73.7	68.6	63.8
95°	115.5	123.3	131.3	124.7	118.1	111.5	104.9	98.3	91.7	85.1	78.6
97.5°	129.6	139.0	148.4	141.7	135.2	128.5	121.9	115.4	108.8	102.1	95.5
100°	226.0	247.5	269.4	250.6	231.7	213.1	194.3	175.5	156.7	138.0	119.2
102.5°	514.8	567.5	620.3	572.8	525.3	478.0	430.6	383.1	335.7	288.2	240.8
105°	930.3	1010.1	1090.0	1017.5	945.1	872.8	800.4	728.0	655.6	583.2	510.9
107.5°	1254.0	1328.9	1404.0	1338.6	1273.1	1207.8	1142.2	1076.9	1011.4	946.0	880.6
110°	1414.2	1473.4	1533.1	1489.1	1445.2	1401.3	1357.4	1313.6	1269.8	1226.0	1182.2



TEST NUMBER: P1444735
 CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL36

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	1412.2	1455.3	1498.9	1473.1	1447.7	1422.0	1396.6	1370.8	1345.4	1319.8	1294.4
115°	1289.1	1314.7	1340.9	1330.8	1320.8	1310.8	1300.8	1290.9	1280.8	1270.9	1261.1
117.5°	1135.1	1147.6	1160.9	1159.2	1157.7	1155.8	1154.3	1152.6	1151.1	1149.5	1148.0
120°	974.3	977.3	981.3	982.8	984.5	985.9	987.5	989.2	990.8	992.3	994.1
122.5°	837.8	835.1	833.5	834.9	836.5	837.8	839.4	840.9	842.5	844.0	845.6
125°	739.5	734.4	730.3	728.9	727.5	726.1	724.6	723.1	721.8	720.4	719.1
127.5°	667.5	661.8	657.4	653.6	649.8	646.1	642.3	638.4	634.8	631.0	627.5
130°	615.9	610.7	606.8	601.9	597.2	592.3	587.6	582.7	577.9	573.1	568.4
132.5°	577.8	572.9	569.4	564.8	560.4	555.6	551.1	546.4	541.9	537.1	532.6
135°	552.0	547.8	545.2	540.9	537.0	532.7	528.6	524.4	520.2	516.0	512.0
137.5°	528.9	525.0	522.8	519.4	516.3	513.0	509.8	506.4	503.2	499.7	496.6
140°	509.0	504.7	502.4	500.6	499.0	497.0	495.4	493.6	491.9	490.1	488.2
142.5°	493.2	489.2	487.3	486.2	485.2	484.3	483.3	482.2	481.1	479.9	478.8
145°	477.2	472.7	470.3	470.3	470.5	470.6	470.6	470.7	470.7	470.7	470.7
147.5°	465.2	460.8	458.6	459.0	459.4	459.7	460.2	460.4	460.9	461.1	461.6
150°	452.3	447.3	444.7	445.4	446.0	446.6	447.4	448.0	448.7	449.4	450.0
152.5°	441.2	435.1	432.3	433.0	433.8	434.4	435.1	435.9	436.7	437.5	438.2
155°	431.3	424.9	421.9	422.2	422.4	422.8	423.1	423.5	423.9	424.3	424.8
157.5°	424.8	418.2	415.4	415.3	415.5	415.6	415.7	416.0	416.2	416.4	416.7
160°	419.9	413.5	410.7	410.7	410.8	410.9	410.9	411.1	411.3	411.5	411.8
162.5°	415.4	409.0	406.4	406.3	406.3	406.4	406.5	406.5	406.7	406.9	407.1
165°	411.6	406.1	404.0	404.1	404.3	404.6	404.8	405.1	405.4	405.8	406.1
167.5°	411.9	407.1	405.5	405.2	405.0	404.8	404.8	404.5	404.5	404.4	404.4
170°	410.0	406.2	404.6	404.7	404.9	404.9	404.9	405.1	405.2	405.3	405.5
172.5°	408.9	406.2	405.0	405.5	405.9	406.2	406.6	406.9	407.3	407.8	408.1
175°	409.3	407.6	407.1	407.1	407.4	407.6	407.8	408.0	408.2	408.4	408.8
177.5°	411.3	410.7	410.4	410.4	410.4	410.4	410.4	410.4	410.4	410.5	410.5
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19509.2	19531.9	19530.2	19551.4	19550.4	19570.4	19566.4	19583.7	19579.7	19594.5	19585.9
5°	20149.1	20192.4	20206.7	20245.8	20253.8	20288.7	20289.4	20317.3	20313.9	20335.6	20324.1
7.5°	20754.5	20794.9	20814.0	20844.4	20859.5	20884.6	20894.5	20915.2	20920.1	20932.3	20931.9
10°	20805.6	20805.4	20814.9	20810.7	20819.2	20814.3	20824.6	20820.9	20836.1	20832.2	20843.8
12.5°	20118.1	20049.9	20025.1	19963.8	19950.4	19897.7	19901.5	19867.8	19884.0	19863.3	19898.6
15°	18640.7	18482.5	18404.3	18266.7	18223.5	18114.7	18105.9	18033.7	18053.2	18015.4	18070.7
17.5°	16457.6	16208.4	16071.7	15870.7	15791.0	15637.1	15606.3	15513.3	15527.7	15480.8	15547.5
20°	13854.6	13553.5	13381.0	13148.7	13045.0	12861.6	12813.0	12708.9	12722.0	12675.4	12750.9
22.5°	11221.9	10906.8	10712.1	10468.5	10336.1	10163.7	10111.9	10007.4	10013.3	9969.6	10042.2
25°	8802.6	8500.5	8311.5	8090.2	7975.3	7817.3	7762.9	7669.0	7674.3	7638.3	7703.3
27.5°	6809.4	6561.6	6403.4	6218.0	6115.0	5985.0	5932.0	5853.1	5852.8	5826.3	5880.8
30°	5321.2	5114.3	4972.3	4810.9	4714.2	4596.8	4545.6	4475.0	4471.9	4453.2	4496.4
32.5°	4166.4	3982.4	3852.9	3710.8	3624.0	3523.3	3474.8	3418.0	3412.9	3395.8	3431.4
35°	3238.9	3083.9	2972.5	2852.9	2861.6	2713.2	2737.8	2622.5	2591.2	2584.4	2610.8
37.5°	2503.3	2383.2	2292.7	2203.1	2142.5	2079.7	2045.9	2015.5	2012.1	2009.2	2027.6
40°	1959.4	1875.4	1809.6	1748.1	1706.3	1668.0	1646.9	1630.2	1626.2	1624.1	1635.2
42.5°	1585.8	1529.2	1486.7	1449.2	1423.8	1403.0	1391.4	1382.2	1379.1	1379.1	1385.7
45°	1339.8	1305.4	1278.1	1254.8	1238.6	1245.7	1224.7	1235.7	1221.2	1236.2	1226.3
47.5°	1179.9	1150.6	1133.6	1117.1	1107.4	1099.5	1099.7	1099.9	1103.0	1103.5	1106.7
50°	1056.5	1039.6	1027.8	1017.3	1012.2	1008.0	1009.4	1010.5	1013.5	1013.7	1016.1
52.5°	965.1	954.0	946.9	940.4	938.1	935.8	936.8	936.3	937.7	937.0	938.9
55°	890.8	885.6	883.4	881.0	881.3	880.7	881.0	878.7	877.2	875.5	877.1
57.5°	829.8	829.1	830.7	831.6	834.5	835.5	836.1	833.4	830.7	828.4	829.7
60°	782.9	784.0	787.7	790.8	794.8	796.7	797.8	796.2	794.3	792.4	793.6
62.5°	736.5	738.3	742.7	746.1	751.0	753.5	756.3	756.4	757.1	756.4	757.2
65°	682.7	684.9	688.9	691.7	696.2	698.5	701.3	701.9	703.4	703.0	704.4
67.5°	641.8	643.9	647.2	649.8	653.8	656.2	658.6	658.8	659.4	659.3	660.5
70°	598.2	599.2	602.2	604.4	608.4	610.8	613.7	614.6	616.3	616.7	618.0
72.5°	551.7	551.2	553.0	554.0	557.1	558.9	562.6	564.6	567.6	568.4	569.5
75°	501.0	500.7	502.7	503.6	506.2	508.1	512.2	514.8	519.5	521.4	521.0
77.5°	442.5	443.5	447.5	449.7	453.2	455.5	460.8	465.0	473.6	477.3	473.5
80°	376.9	377.9	382.1	384.2	388.7	391.5	397.5	402.5	410.1	411.8	409.7
82.5°	296.3	296.6	300.4	301.9	307.8	312.0	319.6	323.5	328.2	327.5	326.9
85°	202.0	204.7	209.5	214.1	221.2	228.1	235.3	241.1	237.0	243.5	236.2
87.5°	107.9	107.7	114.0	113.0	123.1	128.9	135.0	137.9	141.3	140.6	140.7
90°	51.4	48.9	47.9	45.1	44.6	41.8	41.8	39.1	39.4	36.3	40.8
92.5°	58.7	56.1	53.4	50.8	48.0	45.4	42.7	40.0	37.3	34.6	37.3
95°	72.0	69.5	67.0	64.4	62.0	59.5	57.0	54.6	52.0	49.6	52.7
97.5°	88.9	87.5	86.0	84.6	83.1	81.8	80.3	78.9	77.4	76.0	78.0
100°	100.4	100.4	100.4	100.4	100.3	100.3	100.3	100.3	100.3	100.3	102.0
102.5°	193.3	188.6	183.9	179.1	174.4	169.7	165.0	160.1	155.4	150.7	157.7
105°	438.5	419.9	401.3	382.7	364.3	345.7	327.2	308.6	290.1	271.5	290.7
107.5°	815.3	781.4	747.6	713.8	679.9	646.2	612.4	578.6	544.9	511.1	541.4
110°	1138.3	1102.5	1066.6	1030.8	994.8	958.9	923.0	887.2	851.3	815.5	844.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	1268.9	1245.6	1222.5	1199.3	1176.1	1153.0	1130.0	1106.9	1083.9	1060.8	1074.8
115°	1251.1	1240.1	1229.1	1218.1	1207.0	1196.1	1185.0	1174.1	1163.2	1152.3	1153.1
117.5°	1146.5	1142.8	1139.2	1135.4	1131.8	1128.3	1124.7	1121.1	1117.7	1114.2	1106.4
120°	995.9	997.1	998.2	999.5	1000.9	1002.1	1003.3	1004.8	1006.2	1007.7	997.1
122.5°	847.2	850.0	852.8	855.7	858.6	861.6	864.5	867.5	870.6	873.7	863.2
125°	717.7	720.4	723.2	726.0	728.7	731.7	734.6	737.7	740.7	743.8	734.9
127.5°	623.7	624.8	625.7	626.9	628.0	629.2	630.5	631.9	633.3	634.9	629.4
130°	563.6	562.7	561.8	561.1	560.2	559.7	559.1	558.6	558.0	557.8	555.2
132.5°	528.0	525.9	523.8	521.6	519.6	517.8	515.9	514.2	512.4	510.9	510.2
135°	507.6	504.7	501.7	498.8	495.9	493.3	490.6	488.1	485.5	483.2	483.5
137.5°	493.2	490.3	487.2	484.3	481.5	478.9	476.2	473.6	471.1	468.8	469.6
140°	486.4	483.4	480.4	477.6	474.9	472.1	469.5	467.0	464.3	462.1	462.7
142.5°	477.7	475.2	472.4	469.8	467.2	464.8	462.4	460.1	457.7	455.6	456.2
145°	470.7	468.8	466.8	464.8	463.0	461.2	459.3	457.7	456.1	454.6	454.9
147.5°	461.9	460.4	458.9	457.5	455.9	454.7	453.3	452.2	451.0	449.8	449.9
150°	450.6	449.7	448.7	447.8	446.9	446.0	445.1	444.4	443.6	442.8	442.7
152.5°	438.9	438.1	437.1	436.3	435.5	434.7	433.9	433.2	432.5	431.8	431.7
155°	425.2	424.8	424.4	424.1	423.7	423.4	423.1	422.9	422.6	422.3	422.4
157.5°	416.9	416.9	416.6	416.6	416.5	416.5	416.3	416.5	416.2	416.4	416.5
160°	412.2	411.8	411.6	411.3	411.1	410.7	410.7	410.4	410.3	410.0	410.4
162.5°	407.3	407.5	407.6	407.8	407.9	408.1	408.3	408.6	408.8	409.0	409.2
165°	406.6	406.5	406.4	406.2	406.2	406.2	406.1	406.1	406.1	406.2	406.6
167.5°	404.3	404.6	404.7	405.0	405.2	405.6	405.9	406.3	406.7	407.1	407.5
170°	405.6	405.6	405.6	405.6	405.6	405.7	405.8	405.9	405.9	406.1	406.4
172.5°	408.5	408.5	408.4	408.5	408.4	408.5	408.5	408.6	408.6	408.7	408.8
175°	408.8	409.2	409.4	409.7	409.8	410.0	410.2	410.5	410.7	410.8	410.8
177.5°	410.5	410.6	410.6	410.6	410.6	410.7	410.7	410.7	410.7	410.6	410.7
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19600.3	19590.4	19600.5	19590.3	19600.5	19588.3	19596.6	19583.3	19586.7	19573.0	19576.5
5°	20341.4	20325.7	20334.0	20313.7	20315.9	20288.7	20288.3	20256.7	20248.4	20212.4	20196.6
7.5°	20940.6	20935.6	20938.4	20925.3	20923.9	20905.3	20896.5	20870.4	20854.0	20820.9	20798.3
10°	20845.8	20861.1	20865.0	20880.6	20883.8	20899.2	20902.5	20917.9	20921.1	20932.5	20932.7
12.5°	19897.0	19948.8	19961.3	20025.3	20052.3	20125.6	20164.9	20245.8	20293.7	20374.3	20423.8
15°	18069.1	18158.8	18194.6	18319.8	18389.1	18535.1	18626.9	18794.5	18912.9	19091.1	19218.2
17.5°	15553.4	15678.9	15735.5	15905.2	16015.8	16231.4	16386.8	16642.6	16838.4	17122.6	17347.9
20°	12763.7	12903.1	12980.0	13173.6	13304.2	13556.1	13750.1	14064.3	14326.4	14686.6	14994.6
22.5°	10065.0	10197.6	10282.8	10479.8	10626.9	10889.6	11106.4	11438.1	11731.8	12137.7	12506.9
25°	7728.0	7849.5	7926.7	8104.8	8242.9	8484.3	8691.3	9010.4	9297.7	9704.8	10083.5
27.5°	5907.9	6009.8	6084.1	6235.9	6357.8	6562.5	6740.4	7004.0	7251.6	7603.8	7941.0
30°	4523.0	4613.3	4685.6	4817.9	4930.8	5108.3	5264.7	5486.2	5691.0	5971.3	6239.5
32.5°	3456.4	3534.0	3598.5	3714.2	3816.7	3976.5	4117.5	4311.6	4487.4	4725.1	4945.8
35°	2635.3	2788.2	2777.4	2937.1	2962.8	3077.4	3203.1	3372.9	3528.7	3730.7	3918.6
37.5°	2045.5	2088.5	2134.5	2205.1	2279.2	2383.6	2489.9	2697.2	2773.3	2926.0	3081.5
40°	1649.4	1678.5	1708.9	1756.6	1808.6	1882.1	1959.4	2058.4	2159.8	2283.6	2410.0
42.5°	1394.5	1410.9	1430.3	1458.3	1490.3	1537.0	1588.7	1655.8	1726.3	1813.5	1902.4
45°	1245.8	1238.0	1243.8	1258.9	1278.2	1306.5	1339.2	1380.7	1426.6	1483.0	1543.2
47.5°	1107.4	1110.5	1112.2	1120.4	1130.7	1149.8	1169.5	1197.7	1252.2	1268.8	1301.6
50°	1015.9	1017.4	1016.9	1021.1	1026.2	1038.7	1051.4	1070.6	1089.6	1114.9	1139.0
52.5°	939.2	941.3	941.0	943.8	946.6	954.4	962.5	976.0	988.4	1004.6	1018.4
55°	878.6	881.6	882.8	885.0	886.4	890.5	893.7	900.2	905.4	914.6	923.0
57.5°	832.1	836.1	838.0	838.7	837.1	836.9	835.8	837.2	838.3	843.2	847.9
60°	795.4	798.7	799.1	798.7	795.7	793.5	790.0	789.0	788.4	790.8	793.3
62.5°	757.1	758.1	757.4	756.4	753.0	750.9	747.4	746.1	744.8	746.5	747.8
65°	703.9	704.9	703.9	703.4	700.3	698.6	695.6	694.6	692.9	693.3	693.1
67.5°	660.8	661.8	661.1	660.3	658.1	657.1	654.8	653.5	651.4	650.6	649.1
70°	617.8	618.7	617.4	616.7	614.2	613.2	611.1	610.8	609.1	608.8	607.1
72.5°	568.4	568.4	566.7	566.3	564.5	564.4	563.6	564.4	564.3	565.1	564.7
75°	517.9	517.2	515.0	514.6	513.3	513.9	513.0	514.2	514.3	516.2	516.4
77.5°	467.2	464.5	460.4	458.5	455.8	455.4	453.9	454.9	454.5	456.7	457.6
80°	403.2	400.0	394.7	392.3	389.0	388.5	387.1	388.5	387.7	390.3	392.1
82.5°	321.9	319.1	313.7	311.7	307.9	308.2	306.7	308.2	308.1	311.8	314.0
85°	238.1	236.3	230.7	225.7	220.1	217.0	213.8	213.3	212.3	213.8	215.1
87.5°	137.5	135.8	131.4	128.6	118.9	119.3	115.5	115.3	114.4	113.5	115.5
90°	41.4	45.3	46.2	49.8	51.0	55.1	56.4	60.4	61.7	66.0	67.8
92.5°	40.0	42.7	45.3	48.0	50.7	53.4	56.0	58.7	64.5	70.1	76.0
95°	55.7	58.8	61.9	65.1	68.2	71.2	74.3	77.4	85.8	94.3	102.8
97.5°	80.0	82.1	84.2	86.2	88.3	90.4	92.4	94.4	103.5	112.6	121.6
100°	103.6	105.2	106.9	108.6	110.2	111.8	113.5	115.1	132.7	150.2	167.8
102.5°	164.7	171.7	178.7	185.7	192.7	199.8	206.7	213.7	254.0	294.1	334.3
105°	309.9	329.0	348.2	367.3	386.5	405.7	425.0	444.1	508.5	572.7	637.1
107.5°	571.6	601.9	632.2	662.6	692.9	723.3	753.5	783.9	846.6	909.3	972.0
110°	873.2	902.2	931.0	959.9	988.7	1017.7	1046.5	1075.5	1113.2	1150.7	1188.4



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	1088.8	1102.8	1116.9	1131.0	1145.1	1159.2	1173.2	1187.5	1206.2	1224.9	1243.7
115°	1154.0	1154.8	1155.8	1156.7	1157.7	1158.5	1159.6	1160.6	1166.4	1172.2	1178.0
117.5°	1098.6	1090.9	1083.2	1075.4	1067.7	1060.2	1052.5	1045.1	1043.7	1042.4	1041.1
120°	986.9	976.5	966.1	955.7	945.5	935.2	925.0	914.8	909.5	904.2	898.9
122.5°	852.9	842.5	832.2	821.9	811.7	801.5	791.4	781.3	777.5	773.7	769.9
125°	726.3	717.6	709.0	700.5	692.0	683.6	675.3	666.9	666.5	665.9	665.6
127.5°	623.9	618.7	613.4	608.1	603.1	598.0	592.9	587.9	589.9	591.7	593.7
130°	552.8	550.3	548.1	545.7	543.7	541.5	539.4	537.4	541.0	544.5	548.1
132.5°	509.7	509.2	508.8	508.3	508.1	507.8	507.7	507.5	511.7	515.8	520.1
135°	484.0	484.5	485.2	485.8	486.6	487.4	488.3	489.1	493.1	497.0	501.1
137.5°	470.6	471.4	472.4	473.5	474.7	475.8	477.2	478.4	481.4	484.6	487.7
140°	463.4	464.0	464.9	465.8	466.7	467.6	468.7	469.7	472.2	474.6	477.0
142.5°	457.0	457.6	458.3	459.2	460.1	461.0	462.0	462.8	464.7	466.3	468.2
145°	455.4	455.8	456.4	457.0	457.6	458.2	459.0	459.6	460.8	461.8	462.8
147.5°	450.2	450.4	450.8	451.1	451.5	451.9	452.3	452.6	453.3	453.9	454.5
150°	442.8	442.7	442.9	442.9	443.2	443.3	443.5	443.6	444.2	444.6	445.4
152.5°	431.8	431.8	431.9	431.8	432.0	432.0	432.0	432.2	432.8	433.3	433.9
155°	422.6	422.9	423.2	423.4	423.8	423.9	424.3	424.5	424.9	425.2	425.5
157.5°	416.7	416.9	417.3	417.4	417.7	418.0	418.3	418.5	418.8	419.1	419.4
160°	410.8	411.4	411.7	412.2	412.7	413.2	413.6	414.1	414.4	414.6	414.9
162.5°	409.6	409.8	410.1	410.3	410.6	410.9	411.1	411.4	411.9	412.3	412.9
165°	407.1	407.6	408.1	408.5	409.0	409.6	409.9	410.4	410.7	410.9	411.1
167.5°	408.0	408.3	408.8	409.4	409.8	410.2	410.7	411.2	411.5	411.6	411.9
170°	406.9	407.3	407.7	408.1	408.6	408.8	409.4	409.8	410.2	410.6	411.1
172.5°	409.2	409.6	409.9	410.2	410.6	410.9	411.4	411.7	412.0	412.4	412.7
175°	410.8	410.8	410.9	411.0	411.1	411.1	411.1	411.3	411.4	411.5	411.5
177.5°	410.9	411.2	411.4	411.6	411.7	412.0	412.2	412.4	412.4	412.4	412.4
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19562.8	19563.7	19547.9	19547.0	19532.2	19530.4	19516.0	19511.5	19499.9	19495.7	19483.7
5°	20156.3	20137.1	20092.7	20066.6	20022.7	19993.6	19946.1	19915.1	19869.3	19834.7	19788.6
7.5°	20756.6	20726.7	20676.9	20636.5	20575.6	20527.0	20455.7	20397.3	20320.1	20253.3	20172.3
10°	20932.7	20928.0	20915.4	20896.9	20868.5	20836.7	20788.2	20737.6	20669.9	20596.5	20506.3
12.5°	20499.4	20546.2	20610.0	20647.8	20693.9	20714.0	20732.8	20728.1	20715.7	20678.5	20626.4
15°	19402.1	19533.6	19707.7	19842.5	19997.7	20110.4	20235.1	20312.6	20390.0	20425.8	20447.7
17.5°	17656.6	17905.4	18217.6	18476.2	18774.6	19014.2	19277.0	19474.7	19678.1	19823.9	19955.6
20°	15414.4	15775.0	16216.4	16606.3	17059.7	17453.7	17885.5	18240.0	18605.5	18891.3	19161.8
22.5°	12982.4	13410.7	13944.2	14438.5	15023.0	15548.3	16141.0	16656.9	17195.4	17645.4	18080.5
25°	10590.9	11060.6	11644.1	12195.6	12857.5	13468.5	14171.5	14814.3	15510.4	16114.8	16711.8
27.5°	8407.2	8868.2	9464.0	10051.0	10751.0	11402.1	12155.1	12863.4	13656.1	14387.0	15134.7
30°	6612.3	7003.4	7537.5	8106.1	8796.6	9459.1	10220.3	10948.8	11773.3	12571.4	13413.6
32.5°	5238.8	5536.7	5956.6	6437.4	7074.4	7705.1	8429.9	9133.2	9945.1	10751.3	11627.3
35°	4160.5	4392.9	4713.1	5088.3	5627.7	6171.4	6812.5	7452.0	8209.6	8974.6	9826.0
37.5°	3280.8	3469.3	3720.1	4002.0	4434.7	4880.8	5406.5	5936.7	6594.9	7273.0	8044.7
40°	2561.9	2714.6	2909.8	3120.0	3446.8	3790.5	4197.1	4608.2	5137.1	5691.3	6329.9
42.5°	2012.6	2125.3	2263.1	2416.7	2721.5	2904.1	3179.8	3477.1	3865.9	4268.3	4748.3
45°	1616.3	1693.1	1788.7	1891.8	2033.3	2188.1	2376.9	2574.9	2944.2	3125.4	3417.4
47.5°	1349.8	1401.4	1462.2	1527.1	1610.5	1700.5	1812.6	1927.0	2075.1	2228.6	2408.6
50°	1170.3	1222.7	1243.6	1277.2	1325.5	1377.0	1440.1	1503.2	1582.6	1663.1	1755.7
52.5°	1037.0	1054.2	1076.9	1098.2	1128.2	1186.7	1205.6	1238.7	1283.2	1326.8	1375.4
55°	935.3	946.4	961.3	974.1	992.2	1009.5	1034.5	1056.4	1086.1	1112.3	1144.7
57.5°	856.1	863.2	873.4	881.9	893.6	903.4	918.0	929.9	947.0	961.9	981.5
60°	798.6	803.3	810.2	815.7	823.2	828.3	835.5	841.1	850.1	857.7	868.6
62.5°	751.6	754.0	758.5	761.8	766.5	769.1	772.9	775.4	780.3	784.2	790.2
65°	695.2	695.8	698.8	700.1	703.9	705.2	708.4	709.6	713.6	716.5	721.8
67.5°	649.0	647.7	647.8	646.7	647.2	646.1	646.4	645.2	646.9	647.8	651.8
70°	606.8	605.0	604.4	602.5	601.9	599.9	599.4	597.5	597.4	596.7	598.2
72.5°	565.7	565.2	565.4	564.0	563.8	562.5	562.6	561.7	562.6	563.0	564.9
75°	518.4	518.6	519.5	518.2	518.6	517.5	517.9	516.9	517.4	517.2	519.1
77.5°	460.9	462.2	464.8	464.2	465.0	463.8	464.3	462.8	463.2	462.2	463.0
80°	396.2	399.1	402.4	402.2	403.7	402.8	404.0	402.6	403.2	401.5	401.1
82.5°	319.3	321.7	325.4	325.5	328.6	329.3	332.7	332.6	334.8	333.3	332.4
85°	218.3	220.0	223.1	224.9	228.0	230.1	233.5	234.8	232.4	236.8	233.3
87.5°	114.0	118.3	115.8	121.4	120.1	125.7	124.4	129.6	128.6	133.0	132.5
90°	72.8	75.0	80.1	82.5	88.3	91.1	91.4	88.1	88.3	85.1	85.2
92.5°	81.6	87.6	93.3	99.1	104.8	110.7	105.2	99.9	94.5	89.3	83.8
95°	111.2	119.6	128.1	136.6	145.0	153.4	144.4	135.4	126.3	117.3	108.2
97.5°	130.7	139.8	148.8	157.9	167.0	176.1	165.4	154.7	144.0	133.4	122.6
100°	185.3	202.8	220.3	237.9	255.5	273.0	253.1	233.1	213.2	193.1	173.2
102.5°	374.7	414.8	455.1	495.3	535.5	575.7	533.4	491.1	448.6	406.2	363.8
105°	701.4	765.8	830.1	894.5	958.8	1023.2	954.5	885.8	817.1	748.4	679.7
107.5°	1034.8	1097.4	1160.3	1222.9	1285.7	1348.5	1278.9	1209.1	1139.5	1069.7	1000.0
110°	1226.1	1263.7	1301.4	1339.2	1376.7	1414.5	1363.6	1312.7	1261.8	1210.8	1159.9



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1262.4	1281.3	1299.9	1318.9	1337.6	1356.5	1320.0	1283.6	1247.1	1210.8	1174.1
115°	1184.0	1189.8	1195.8	1201.7	1207.6	1213.5	1188.8	1164.2	1139.5	1115.0	1090.1
117.5°	1039.8	1038.7	1037.3	1036.2	1034.8	1033.7	1019.8	1005.8	992.1	978.1	964.2
120°	893.5	888.4	883.0	877.8	872.5	867.1	861.2	855.2	849.1	843.1	837.0
122.5°	766.1	762.5	758.7	754.9	751.1	747.2	744.7	742.4	739.8	737.4	734.8
125°	665.2	664.7	664.2	663.9	663.3	662.9	661.4	660.1	658.6	657.4	655.8
127.5°	595.5	597.5	599.3	601.2	602.9	604.8	604.2	603.7	603.2	602.6	602.0
130°	551.6	555.2	558.8	562.1	565.5	569.2	568.1	567.3	566.3	565.4	564.5
132.5°	524.2	528.3	532.5	536.7	540.6	544.8	543.6	542.6	541.4	540.4	539.2
135°	504.9	508.9	512.7	516.7	520.5	524.3	523.0	521.7	520.3	519.1	517.7
137.5°	490.7	493.9	496.8	499.9	502.9	505.9	504.6	503.2	501.8	500.6	499.2
140°	479.4	481.7	484.1	486.5	488.8	491.1	489.5	488.0	486.3	484.7	483.1
142.5°	469.8	471.7	473.2	475.0	476.5	478.4	476.2	474.1	472.0	470.0	467.9
145°	463.9	465.0	465.9	466.9	467.8	468.9	466.5	464.3	461.8	459.6	457.2
147.5°	455.1	455.7	456.1	456.8	457.2	457.8	455.5	453.3	451.1	448.9	446.6
150°	445.7	446.4	446.7	447.3	447.7	448.3	445.9	443.6	441.3	439.0	436.9
152.5°	434.3	434.9	435.2	435.7	436.1	436.6	434.3	432.4	430.1	428.0	425.9
155°	425.6	426.0	426.2	426.4	426.5	426.7	424.9	423.3	421.4	419.6	417.8
157.5°	419.5	419.8	420.1	420.2	420.4	420.5	419.2	417.9	416.5	415.1	413.7
160°	415.1	415.4	415.6	415.7	415.9	416.0	414.8	413.8	412.7	411.5	410.2
162.5°	413.2	413.6	414.0	414.5	414.8	415.2	413.7	412.5	411.1	409.7	408.3
165°	411.4	411.6	411.7	412.0	412.0	412.3	411.4	410.4	409.4	408.6	407.5
167.5°	412.0	412.3	412.5	412.7	412.7	412.9	412.0	411.1	410.1	409.1	408.1
170°	411.4	411.7	412.1	412.5	412.7	413.0	412.3	411.6	410.7	410.0	409.1
172.5°	413.1	413.4	413.6	414.0	414.2	414.6	413.7	412.9	412.2	411.4	410.5
175°	411.5	411.6	411.7	411.7	411.7	411.8	411.2	410.6	410.0	409.4	408.8
177.5°	412.4	412.4	412.4	412.3	412.3	412.3	411.8	411.5	411.0	410.7	410.1
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9	19357.9
2.5°	19479.6	19471.0	19465.6	19458.6	19454.4	19449.0	19445.1	19441.7	19438.9	19436.5	19434.6
5°	19753.4	19709.8	19676.0	19639.5	19609.4	19579.4	19556.3	19537.2	19524.0	19514.1	19508.2
7.5°	20102.2	20022.4	19951.6	19877.0	19810.1	19744.3	19687.6	19638.8	19602.1	19578.3	19563.9
10°	20413.6	20306.9	20201.4	20090.3	19985.0	19882.9	19788.6	19705.7	19640.0	19596.4	19570.9
12.5°	20553.2	20462.3	20354.5	20234.0	20104.9	19974.3	19847.1	19732.2	19635.9	19571.3	19533.9
15°	20430.2	20392.9	20319.8	20226.2	20103.7	19968.7	19819.2	19678.9	19549.6	19465.8	19417.2
17.5°	20030.2	20082.3	20076.7	20040.9	19952.9	19839.3	19687.0	19529.2	19367.6	19255.6	19194.4
20°	19355.3	19519.1	19602.1	19644.8	19610.2	19536.5	19398.6	19238.5	19050.0	18903.9	18814.6
22.5°	18406.8	18695.8	18876.0	19007.8	19035.8	19010.7	18888.9	18736.6	18526.6	18350.8	18219.0
25°	17185.7	17609.2	17893.9	18117.2	18203.8	18226.2	18122.6	17971.1	17737.0	17532.3	17351.2
27.5°	15747.6	16297.8	16677.9	16977.8	17113.1	17171.9	17076.5	16922.0	16645.0	16400.6	16164.1
30°	14128.4	14781.2	15238.8	15598.5	15763.4	15841.0	15739.7	15567.2	15245.0	14950.8	14653.0
32.5°	12395.3	13109.8	13608.4	13999.0	14162.5	14235.4	14102.9	13909.2	13536.7	13190.2	12842.8
35°	10580.9	11302.0	11804.9	12185.0	12322.0	12366.0	12196.6	11972.6	11560.0	11179.7	10800.9
37.5°	8729.5	9400.4	9857.4	10198.6	10283.4	10291.0	10086.8	9839.5	9405.8	9030.8	8653.7
40°	6894.1	7459.9	7829.0	8101.9	8131.4	8105.1	7883.2	7634.3	7228.5	6892.5	6561.6
42.5°	5165.3	5592.3	5855.6	6042.8	6031.6	5979.8	5776.2	5562.3	5227.5	4971.7	4711.1
45°	3684.1	3965.7	4119.7	4229.2	4194.0	4144.6	3986.1	3836.2	3608.7	3443.4	3268.4
47.5°	2559.4	2895.7	2837.2	3051.2	2866.8	2988.6	2734.9	2595.1	2474.4	2386.5	2287.6
50°	1832.3	1909.4	1946.6	1972.0	1958.5	1939.8	1894.2	1853.4	1798.3	1758.1	1711.2
52.5°	1415.1	1453.6	1474.7	1489.9	1486.9	1480.1	1460.3	1442.1	1416.2	1399.3	1378.7
55°	1198.6	1199.2	1238.0	1221.4	1245.9	1217.1	1228.4	1196.5	1201.7	1174.2	1155.8
57.5°	996.0	1011.8	1018.9	1025.8	1023.9	1022.6	1014.9	1011.1	1002.4	999.8	993.6
60°	876.1	884.4	886.1	889.3	886.6	885.6	879.6	877.4	871.6	870.5	866.5
62.5°	793.9	798.1	798.1	798.1	794.7	791.4	784.7	781.2	776.3	775.2	772.8
65°	725.3	729.7	730.4	731.3	728.9	726.2	720.4	716.5	711.5	709.6	706.8
67.5°	654.6	659.2	660.7	663.2	661.7	661.2	657.2	655.6	652.3	651.5	649.0
70°	598.9	600.8	600.7	600.6	597.5	594.6	590.0	587.8	584.3	583.6	581.2
72.5°	565.8	567.2	566.4	565.1	561.0	556.8	551.4	547.4	542.8	539.9	536.7
75°	519.2	521.0	520.0	519.1	515.4	512.7	508.4	506.2	502.9	502.0	499.7
77.5°	462.1	463.0	461.0	460.9	458.1	456.3	453.1	452.4	450.1	450.2	448.0
80°	398.4	398.0	395.0	394.3	391.5	390.8	388.3	388.5	386.5	387.4	385.8
82.5°	327.8	326.1	322.1	321.0	317.8	317.5	315.8	317.2	316.0	317.8	316.8
85°	234.9	235.5	233.7	233.7	232.8	233.1	232.9	234.0	234.2	235.7	235.6
87.5°	131.0	132.9	132.5	134.2	134.1	136.1	136.8	139.6	139.9	142.7	142.7
90°	82.1	82.5	79.3	79.8	78.3	80.1	79.0	80.8	79.5	80.9	78.9
92.5°	78.5	73.1	67.9	62.4	59.7	56.9	54.6	51.6	49.0	46.2	43.5
95°	99.2	90.1	81.0	72.0	68.9	65.7	62.6	59.5	56.4	53.3	50.2
97.5°	111.9	101.2	90.5	79.8	77.1	74.5	71.7	69.1	66.3	63.7	61.0
100°	153.2	133.2	113.3	93.3	91.0	88.7	86.5	84.2	81.9	79.7	77.4
102.5°	321.5	279.0	236.6	194.1	186.1	178.1	170.0	162.0	153.9	145.9	137.9
105°	611.0	542.2	473.4	404.6	382.7	360.9	339.1	317.2	295.4	273.5	251.7
107.5°	930.3	860.5	790.6	720.8	680.6	640.1	599.8	559.3	519.1	478.5	438.2
110°	1109.0	1057.9	1006.9	955.8	923.5	890.9	858.4	825.8	793.3	760.7	728.1



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1137.7	1101.2	1064.7	1028.0	1013.3	998.5	983.7	969.0	954.2	939.3	924.5
115°	1065.5	1040.7	1016.0	991.1	986.0	980.7	975.5	970.1	964.9	959.5	954.2
117.5°	950.2	936.3	922.3	908.2	909.0	909.8	910.6	911.3	911.9	912.6	913.2
120°	830.8	824.8	818.7	812.6	817.0	821.3	825.7	829.8	834.1	838.3	842.4
122.5°	732.3	729.8	727.3	724.6	729.9	735.2	740.3	745.5	750.5	755.5	760.5
125°	654.5	652.9	651.6	649.9	655.4	660.5	665.8	670.9	676.0	680.9	686.0
127.5°	601.4	600.9	600.3	599.6	603.4	607.0	610.6	614.1	617.7	621.0	624.3
130°	563.6	562.6	561.7	560.7	563.9	567.2	570.4	573.5	576.7	579.6	582.5
132.5°	538.1	536.9	535.8	534.6	537.0	539.2	541.4	543.5	545.6	547.5	549.4
135°	516.4	515.0	513.7	512.3	514.4	516.5	518.6	520.4	522.3	523.9	525.8
137.5°	497.8	496.5	495.0	493.7	495.6	497.4	499.2	500.9	502.5	504.1	505.6
140°	481.6	479.9	478.5	476.7	478.5	480.0	481.6	483.1	484.5	485.8	487.2
142.5°	465.9	463.7	461.8	459.6	460.8	461.9	463.0	464.0	465.1	466.0	466.9
145°	454.9	452.4	450.2	447.8	448.7	449.5	450.4	451.4	451.9	452.5	453.3
147.5°	444.6	442.2	439.9	437.7	438.5	439.0	439.6	440.0	440.7	441.1	441.6
150°	434.5	432.0	429.8	427.4	428.1	428.5	429.1	429.5	430.1	430.3	430.8
152.5°	423.6	421.4	419.3	417.0	417.5	417.9	418.4	418.6	419.1	419.4	419.7
155°	416.0	414.2	412.3	410.4	410.9	411.2	411.6	411.9	412.2	412.4	412.7
157.5°	412.3	410.7	409.4	407.8	407.9	408.0	408.2	408.1	408.2	408.2	408.3
160°	409.1	407.8	406.6	405.2	405.2	405.3	405.5	405.4	405.4	405.3	405.4
162.5°	406.9	405.4	404.0	402.4	402.4	402.7	402.7	402.6	402.7	402.6	402.6
165°	406.6	405.5	404.4	403.2	403.1	403.0	403.0	402.7	402.5	402.2	402.0
167.5°	407.0	406.0	404.9	403.7	403.9	404.0	404.0	404.0	404.1	404.0	404.0
170°	408.3	407.4	406.6	405.7	405.6	405.5	405.4	405.2	405.0	404.9	404.7
172.5°	409.6	408.8	407.9	406.9	406.9	406.9	406.8	406.7	406.4	406.3	406.2
175°	408.0	407.5	406.7	406.0	405.9	405.9	405.9	405.8	405.6	405.6	405.4
177.5°	409.8	409.3	408.8	408.4	408.3	408.3	408.2	408.1	408.1	408.1	408.0
180°	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3	410.3



TEST NUMBER: P1444735
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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	19357.9	19357.9
2.5°	19432.9	19431.9
5°	19505.1	19503.9
7.5°	19560.0	19559.8
10°	19566.6	19569.9
12.5°	19527.5	19530.2
15°	19413.5	19418.8
17.5°	19195.5	19202.5
20°	18820.0	18827.3
22.5°	18212.0	18214.9
25°	17327.8	17315.3
27.5°	16122.6	16101.0
30°	14590.4	14569.5
32.5°	12763.6	12750.5
35°	10707.3	10699.0
37.5°	8542.2	8525.5
40°	6440.5	6391.5
42.5°	4597.1	4511.2
45°	3177.0	3075.2
47.5°	2217.9	2155.0
50°	1681.1	1660.8
52.5°	1369.8	1365.0
55°	1155.8	1153.7
57.5°	995.0	994.2
60°	868.6	868.4
62.5°	774.4	774.7
65°	708.0	708.2
67.5°	649.7	649.2
70°	582.1	581.6
72.5°	535.6	534.8
75°	499.7	499.3
77.5°	448.7	447.9
80°	386.8	385.8
82.5°	318.2	317.0
85°	237.4	237.4
87.5°	145.2	145.1
90°	80.1	77.9
92.5°	41.1	38.5
95°	47.1	44.0
97.5°	58.4	55.6
100°	75.1	72.9
102.5°	129.9	121.8
105°	229.8	208.0
107.5°	397.8	357.5
110°	695.6	663.1



TEST NUMBER: P1444735
CATALOG NUMBER: EHBR1-24-UNV-TA-L935-UPL36

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	909.7	894.8
115°	948.7	943.3
117.5°	913.8	914.4
120°	846.4	850.5
122.5°	765.3	770.1
125°	690.7	695.7
127.5°	627.5	630.6
130°	585.0	587.9
132.5°	551.1	552.8
135°	527.2	528.7
137.5°	506.7	508.1
140°	488.1	489.2
142.5°	467.6	468.3
145°	453.8	454.3
147.5°	441.6	442.0
150°	431.0	431.2
152.5°	419.8	420.2
155°	412.8	413.0
157.5°	408.1	408.0
160°	405.2	405.1
162.5°	402.5	402.4
165°	401.7	401.4
167.5°	404.0	404.0
170°	404.4	404.3
172.5°	406.0	405.9
175°	405.3	405.3
177.5°	408.0	407.8
180°	410.3	410.3

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

Data in this report applies to families of products including EHBR-60-L935-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-6
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/05/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Metalux
 Catalog Number: **EHBR-60-L935-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3406
 CIE u': 0.2394
 CIE v': 0.5094
 Duv: -0.0028
 CIE x: 0.4076
 CIE y: 0.3856
 CIE z: 0.2068
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 582
 Purity: 38.0517
 Rf: 91.3
 Rg: 100

CRI (Ra):	94.6		
R1:	96.6	R9:	63.8
R2:	98.4	R10:	94.7
R3:	98.1	R11:	96.6
R4:	95.8	R12:	80.9
R5:	96.2	R13:	97.4
R6:	95.4	R14:	98.3
R7:	91.8	R15:	93.1
R8:	84.4		



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.0

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	10/22/2024	10/22/2025
Sphere Thermometer	ONSET IN0085	10/22/2024	10/22/2025
Room Thermometer	ONSET IN0046	10/22/2024	10/22/2025

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

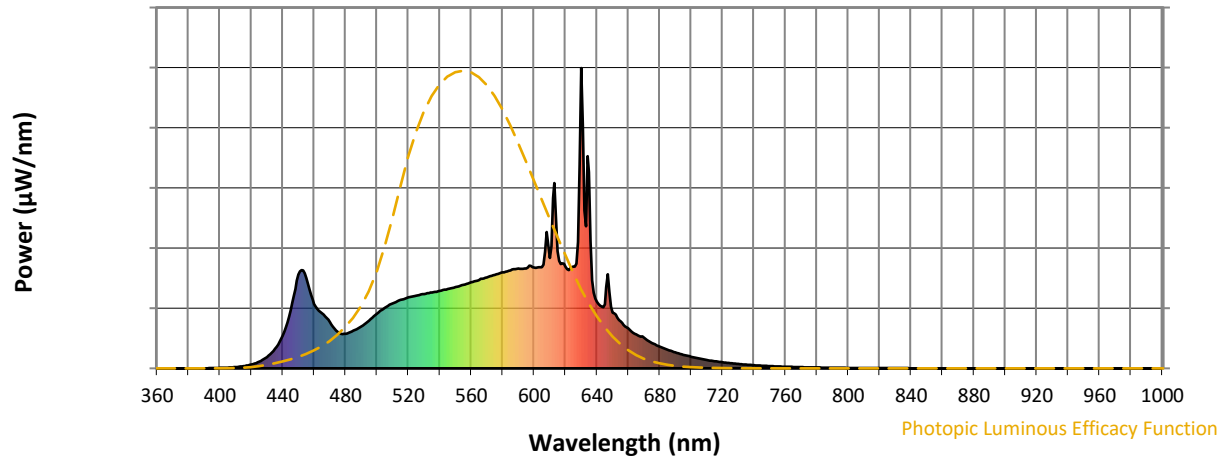


Point lies inside the ANSI 3500K 4-step quadrangle

CCT = 3406K
 CIE x = 0.4076
 CIE y = 0.3856
 Duv = -0.0028

REPORT NUMBER: SP1-2506-472-6

Photopic Flux vs. Wavelength

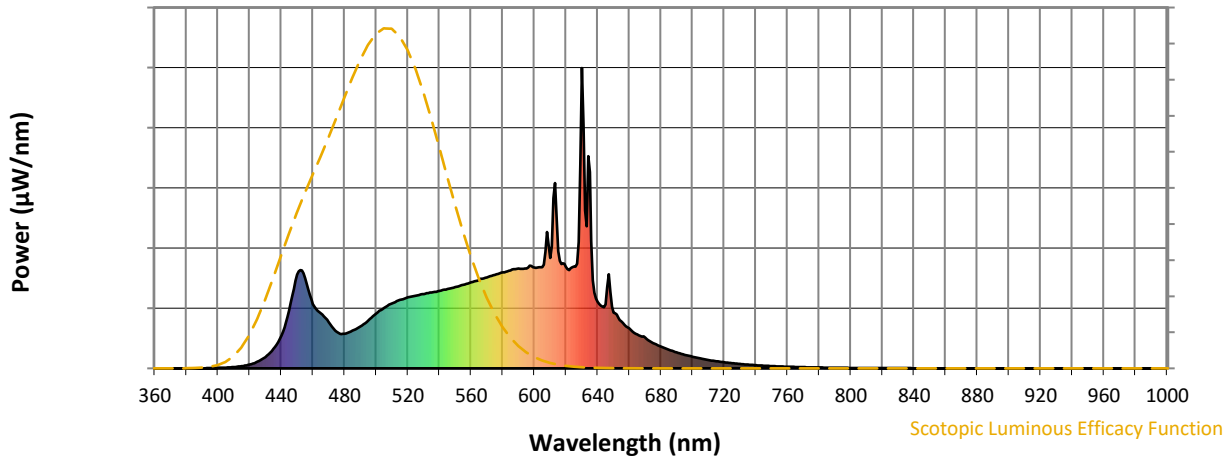


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-6

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.62

λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)	λ (nm)	Power W [^] /nm	Lumens (ϕ /nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.3

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

Summary

$R_f = 91.3$
 $R_g = 100$
 $CIE R_a = 94.6$
 $R_9 = 63.8$

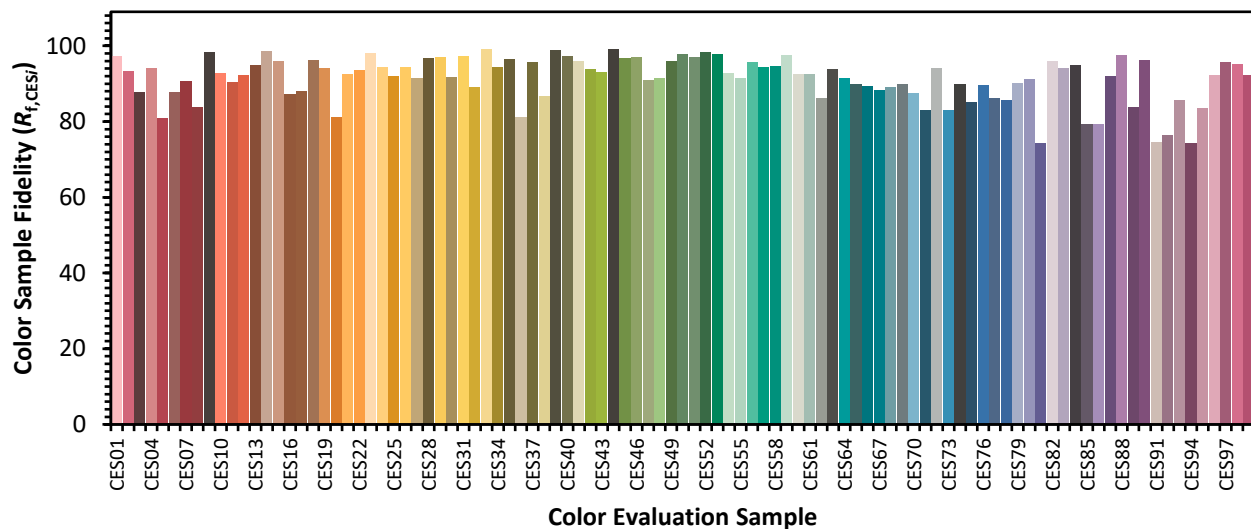


Color Vector Graphics

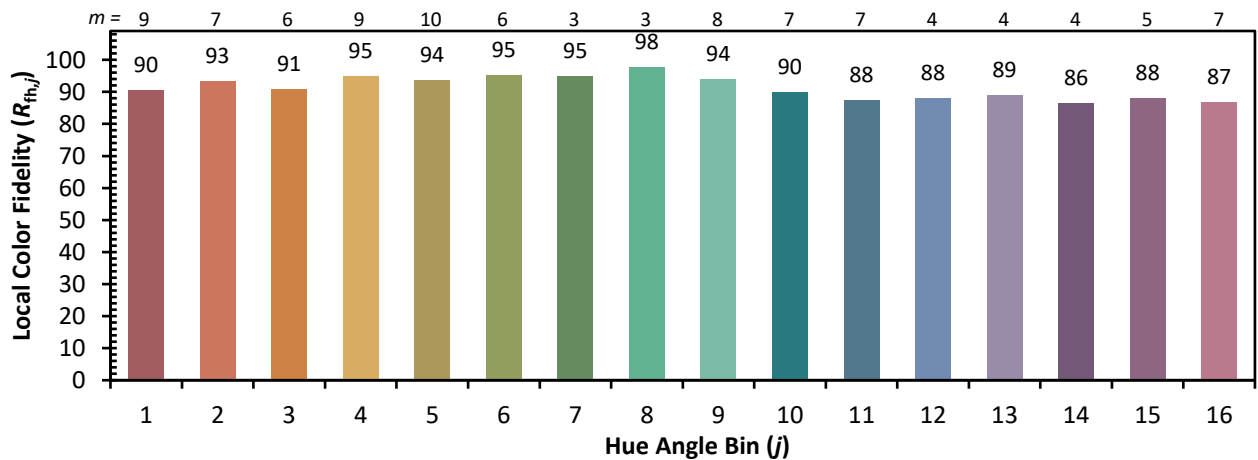
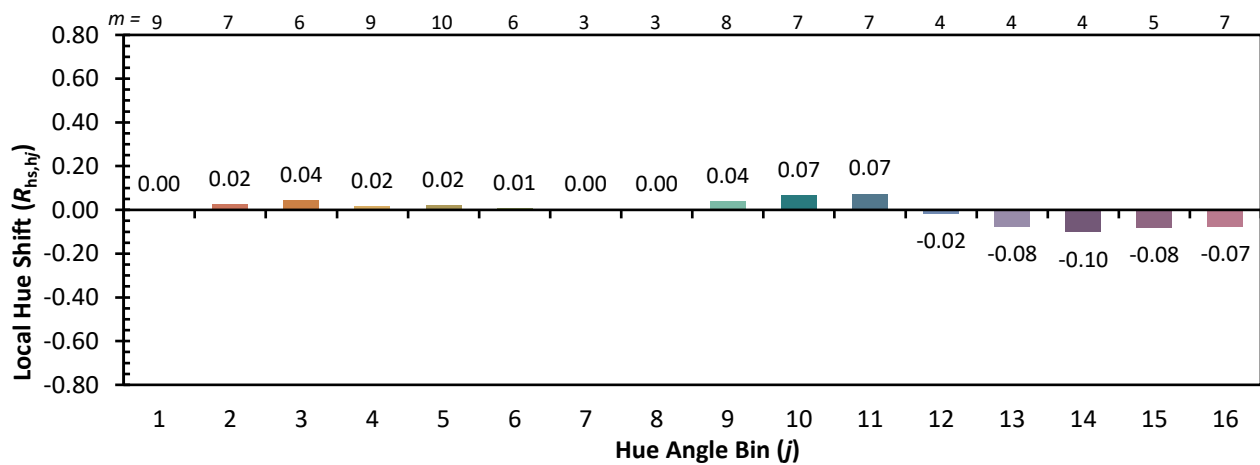
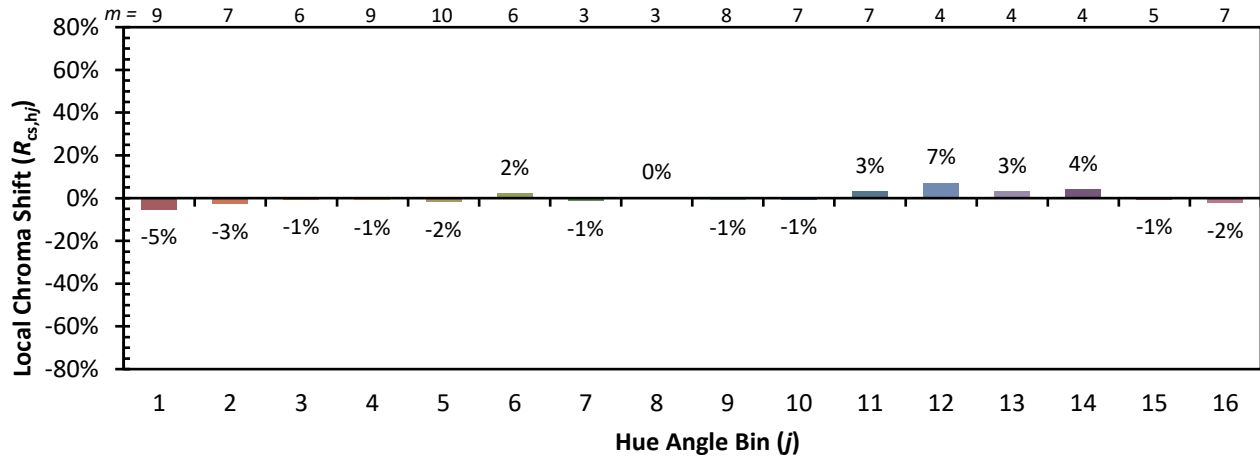


Individual Sample Fidelity Index ($R_{f,i}$)

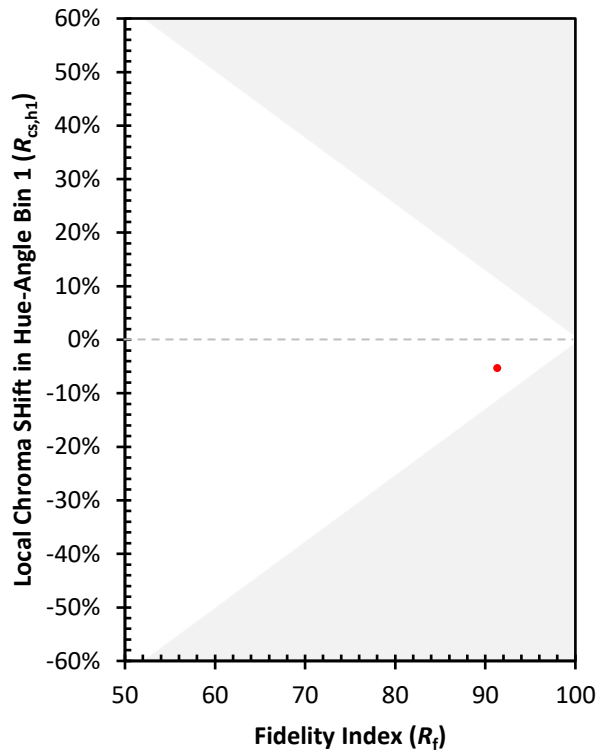
CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 99	CES58 = 95	CES83 = 94
CES09 = 29	CES34 = 94	CES59 = 98	CES84 = 95
CES10 = 75	CES35 = 97	CES60 = 92	CES85 = 79
CES11 = 58	CES36 = 81	CES61 = 93	CES86 = 79
CES12 = 64	CES37 = 96	CES62 = 86	CES87 = 92
CES13 = 44	CES38 = 87	CES63 = 94	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 90	CES90 = 96
CES16 = 48	CES41 = 96	CES66 = 89	CES91 = 75
CES17 = 49	CES42 = 94	CES67 = 88	CES92 = 76
CES18 = 56	CES43 = 93	CES68 = 89	CES93 = 86
CES19 = 71	CES44 = 99	CES69 = 90	CES94 = 74
CES20 = 67	CES45 = 97	CES70 = 88	CES95 = 83
CES21 = 86	CES46 = 97	CES71 = 83	CES96 = 92
CES22 = 78	CES47 = 91	CES72 = 94	CES97 = 96
CES23 = 91	CES48 = 91	CES73 = 83	CES98 = 95
CES24 = 90	CES49 = 96	CES74 = 90	CES99 = 92
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)